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ABSTRACT

This statistical report presents raw data and analyses in three parts: (1) a compendium of census data by district boundaries; (2) statistical analyses of all variables, including means, standard deviations, and ranges; and (3) relationship analyses among all variables, census and school districts. Included in the appendix are a list of school districts by type and class and their related census units; basis census, ratio census, and financial data for each school district; and correlation matrices for each of the five district populations. (Author/LLR)

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Bureau of Educational Research and Service

EDUCATIONAL RESEARCH REPORT

Economic, Sociological and Demographic Characteristics of Oregon School Districts and Their Relationship to District Financial Practices

by Frank Farner

School of Education
University of Oregon/Eugene

1872

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ECONOMIC, SOCIOLOGICAL AND DEMOGRAPHIC CHARACTERISTICS OF OREGON SCHOOL DISTRICTS AND THEIR RELATIONSHIP TO DISTRICT FINANCIAL PRACTICES

by

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April, 1966

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I. INTRODUCTION

A. Introduction

Each decennial United States Census of Population includes the collection of an important array of economic, sociological and demographic data. These data are potentially useful for the study of economic, sociological and demographic characteristics of school districts and the study of relationships between the characteristics and selected variables describing internal characteristics of school districts. The result of these analyses will, then, be comprised of three distinct components:

1. A compendium of census data by school district boundaries, not heretofore available. The parallel compendium of school district financial data, while more available, is also a significant contribution.

2. Statistical analyses of all variables including such measures as means, standard deviation and ranges.

3. Relationship analyses of all variables, census and school districts, each to all others.[1]

These desired end results required many steps to progress from the mere availability of to the actual production of the data compendiums and the statistical and relationship analyses. The five enumerated points in Table 1 very succinctly describe the sequence of steps in the conduct of this study. They do, however, mask a myriad of detail and decision making in the processing and analysis of the data.

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[1] A similar analysis by census tracts has been completed by the Metropolitan Planning Commission: "1960 Census Tract Statistical Analysis," Metropolitan Planning Commission, Portland, Oregon, February, 1965.

Table 1. Sequential List of Steps Required in the Study.

Step 1. Determine which combinations of one or more census units best approximate the boundaries of school districts.

Step 2. Select appropriate census data as the basic data of the study and add the basic data for the combinations of census units to produce data approximating school district boundaries.

Step 3. Select and compute ratios based on the summed basic data to mitigate matching problems and make the data compatible for inter-district comparisons.

Step 4. Select data describing financial and organizational characteristics of the school districts.

Step 5. Complete statistical analyses of all variables and relate the census data ratio data to one another and to selected financial and administrative characteristics of the school districts.

B. Original Data

The necessary census data are published for the Nation, states, counties, larger cities and census tracts in standard metropolitan statistical areas.[1] These data are also available from the Census Bureau in unpublished form for units called Census County Divisions (CCD). The Oregon State Board of Census generously made their copies of these expensive tables for the 1960 Census available for extraction of data needed in this study. The Census County Divisions in the 33 untracted counties and census tracts in the 3 tracted counties in the Portland SMSA (Clackamas, Multnomah, Washington) completely describe the State of Oregon. These units totaled 530 for the state. Boundaries of these units are provided on maps published by the Census Bureau and are relatable to the boundaries of school districts. School district financial data was supplied by the State Department of Education.

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[1] In Oregon in 1960 only the Portland area (Clackamas, Clark, Multnomah, and Washington Counties) was so designated. In 1970 the Eugene area (Lane County) will be an SMSA.

C. Data Compendiums

The first four steps in the process described above (Table 1) produced a compendium of heretofore unavailable data about Oregon school districts and these are included in this volume as Appendices so that districts may use them in any way they choose. Some important decisions were made in the selection of data from a vast array of census data. Therefore, relatively complete descriptions are provided giving complete details of the methodology so that future researchers may study other data not selected for inclusion in the body of this report. The compendiums and their related data definitions are provided in the following Appendices and Tables:

Type of Data	No. of Variables	Compendium	List of Variables
Key to Names, ID Nos. and Type and Class of Districts Included in the Study		Appendix A	Not Applicable
Basic Census Data	97	Appendix B	Table 4
Ratio Census Data	32	Appendix C	Table 5
School District Financial Data	18	Appendix D	Table 6

D. Analysis Sections of this Report

The analysis section of this report (Step 5 in Table 1) is divided into two major and distinct sections, as follows:

1. Statistical analysis of the census data variables including means, standard deviations and ranges.

2. Relationship analyses between the census variables and selected school finance and organizational variables. These analyses proceed from simple two-variable correlation techniques on the entire population of districts to correlations on selected sub-populations to reduce the effects of size and type of district.

Throughout this report the writer has done his very best to merge statistical language with practical school administration principles to avoid producing an impossible-to-understand research report.

With the above introductory comments and explanations we now proceed to a sequential description of the study in preparation for the analyses.

II. THE DATA PREPARATION PHASE OF THE STUDY

In this segment of the report, Section II, the methodological procedures in preparing data for analysis are reported. The data preparation phase of the study consisted of the first four of the five steps listed in Table 1. The fourth step constitutes the analysis portions to be reported in Sections III and IV.

A. Relating Census Unit and School District Boundaries

The task of comparing, relating and matching the boundaries of school districts and census units was the first step in the study. It involved selection of the school districts to be studied, reduction or enlargement of school districts or census unit maps to a common scale, establishment of criteria for the matching and inspection of maps to produce a list of census unit(s) to correspond with each school district.

1. The Population of School Districts

a. Unified and union high school districts. In the long run, the analyses desired were to be based upon financial and organizational data covering the entire span of grades 1 through 12. In the non-unified portions of the state, union high school districts were the smallest areas for which grade 1 through 12 data could be assembled. Furthermore, geographically larger units were desired to reduce the error involved in matching the census unit boundaries. A final reason for this choice was a desire to avoid use of districts (elementary districts) which sound educational organization does not justify. Instead, union high school districts are hypothetically unified for inclusion in a total sample with unified districts. This should not be interpreted to mean that unification of the existing high school districts of the state is the optimum pattern of district unification. Nor should it be inferred that all existing unified districts are ideally organized. The soundest educational organization for the state would probably call for only about 120 unified districts instead of the 220 unified and union high school districts to which the total of more than 420 districts of the state were reduced for this study. A list of the school districts is shown in Appendix A.

b. District organization as it existed in 1963-64. Although the data employed in the study were based on conditions existing 5 years earlier, the district organization in effect in 1963-64 was used so that descriptive data would not be generated for districts which no longer exist. And, similarly, this decision meant that readers would be able to find information about school districts as they now know them.

As a result of these decisions, 220 unified[1] and union high school districts became the population of districts included in the study. A county summary of this list by type and class and showing the number of census units appears in Appendix A.

2. Creation of Common Scale Maps. A set of 36, July 1963 school district maps, one for each county, was readily available from the State Department of Education. These county maps varied greatly in scale to permit printing on a uniform size sheet. Census unit maps were similarly

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[1] Ue districts posed a special problem in some cases. These are technically unified districts which are actually elementary districts since they do not operate a secondary school. Some consideration was given to merging these districts with the existing unified or union high school district to which they send their high school students as had been done by the writer in a previous study, (Financial Implications of the Reorganization of the Non-Unified School Districts of Oregon. Bureau of Educational Research, University of Oregon, August, 1964.) However, Ue districts could not technically be merged because not all of their high school students went to the same high school and therefore they were retained in the population of districts. A few very small Ue districts were excluded because of lack of adequate data.

readily available. Volume B of the Census reports[1] contains several sheets of small scale census unit maps. Similar maps of the census tracts in the three metropolitan counties (Clackamas, Multnomah and Washington) are available in the published report of the census data for the Portland SMSA.[2] A large state map of the census units outside the metropolitan area is also available.

A well qualified graduate student in Architecture[3] was engaged to draw an overlay of census units for each county school district map through the use of mechanical devices and hand-eye coordination. The fact that county boundaries always coincided and rivers usually coincided made this task accomplishable. For a few more difficult counties a second overlay showing land use was prepared. Readers wishing to inspect the maps and overlays may do so in the offices of the Oregon School Study Council.

3. Assurances that Matching Census Units to School Districts is Feasible. Preliminary inspection of the common scale maps of school districts and census units indicated that boundaries of census units and school districts would be by no means similar and that considerable tolerance of measurement would be needed.

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[1] U. S. Bureau of the Census. U. S. Census of Population: 1960. Number of Inhabitants, Oregon. Final Report PC (1) - 39A. U. S. Government Printing Office, Washington, D. C., 1961.

[2] U. S. Bureau of the Census. U. S. Censuses of Population and Housing: 1960. Census Tracts. Final Report PHC (1) - 121. U. S. Government Printing Office, Washington, D. C., 1962.

[3] Les Tonkin.

An example of the situation is shown in Figure 1 for Benton County. Bleak as the early outlook appeared, acceptable matching was considered possible because of a series of factors which makes variations in boundaries more tolerable, as follows: (most of these points are clearly evident from Figure 1.)

a. County boundaries are always observed for census units and almost always observed for school districts.

b. Major topographical features which are not county boundaries are very often observed for both census units and school districts.

c. Even where boundaries do not coincide, the area of overlap is usually relatively unpopulated either with school children or the general population upon which the census data are based.

d. Conversion of all census data to ratio form rather than gross amount figures mitigates the adverse effects of even gross overlaps. For example, it is logical to assume that the percent of houses which are dilapidated in the total census unit would be approximately equal to the percent which is dilapidated in the overlap portion of the unit and equal to the percent which is dilapidated in that portion of the census unit which is clearly in the school district. If gross numbers of dilapidated houses were used instead of the percent dilapidated the same would clearly not be true.

e. A modicum of error beyond that eliminated by factors 1-4 above could be tolerated and accounted for in the analysis of the data.

4. Criteria for Matching Census Units to School Districts. With the assurance gained from the above factors, the writer, assisted by two advanced students in Geography[1] began the process of placing census unit numbers beside each school district. This process was systematically conducted under the following procedures:

a. Inspection of boundaries. In about 60% of the cases it was clearly possible to determine the proper matches from the boundaries alone.

---

[1] William C. DeChent and John Q. Watkins.

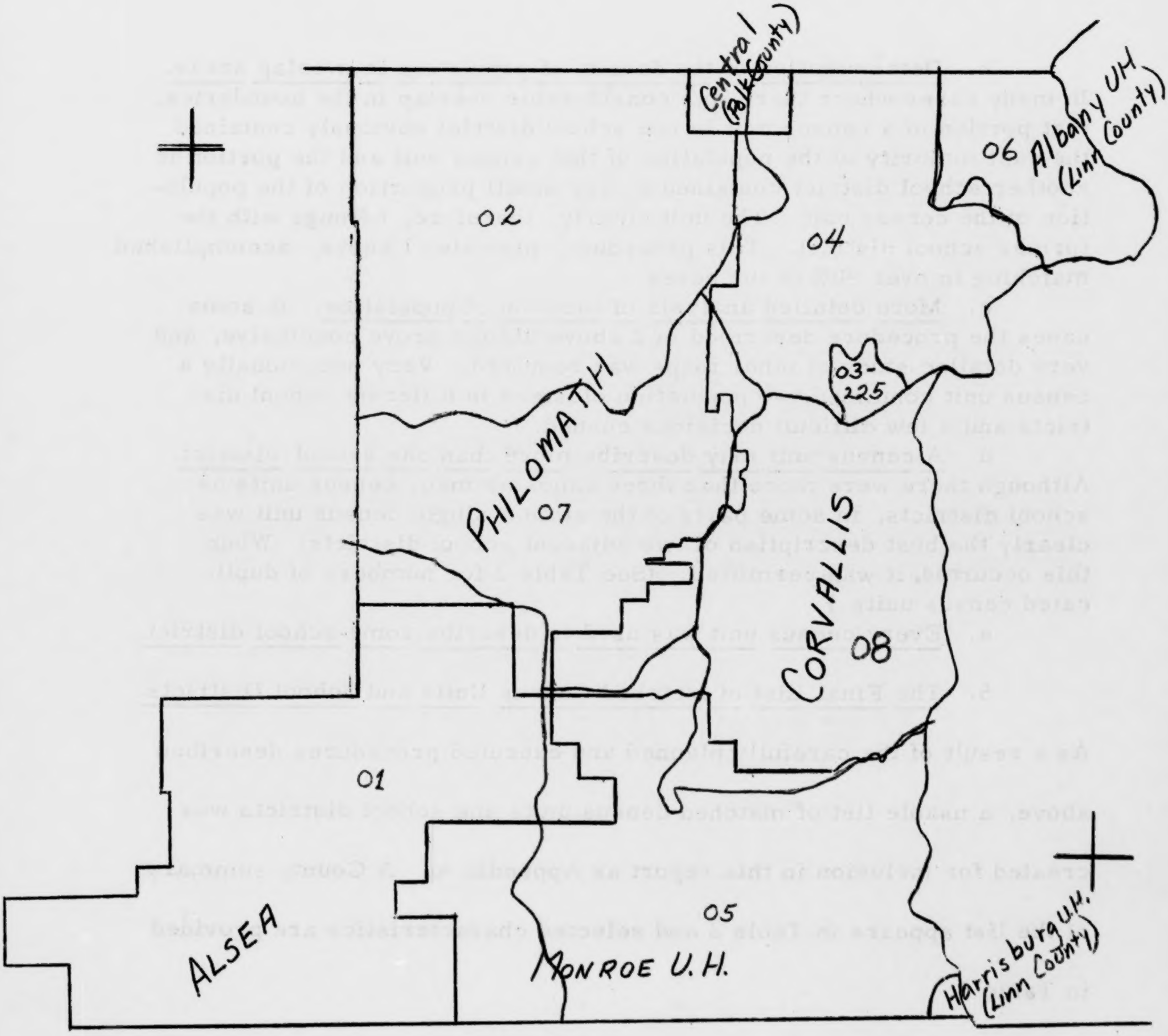
Central (Polk County)
Albany UH (Linn County)
06
02
04
03-225
PHILOMATH
07
CORVALLIS
08
01
05
ALSEA
MONROE U.H.
Harrisburg U.H. (Linn County)

Figure 1. School District and Census Unit Boundaries in Benton County (an example of the boundary matching problem).

Key: Black -- School district boundaries and names.
Red -- Census unit boundaries and numbers.

b. Determination of the density of population in overlap areas. In many cases where there was considerable overlap in the boundaries, that portion of a census unit in one school district obviously contained the vast majority of the population of that census unit and the portion in another school district contained a very small proportion of the population of the census unit. The unit clearly, therefore, belongs with the former school district. This procedure, plus step 1 above, accomplished matching in over 90% of the cases.

c. More detailed analysis of location of population. In some cases the procedure described in 2 above did not prove conclusive, and very detailed study of other maps was required. Very occasionally a census unit contained two population clusters in different school districts and a few difficult decisions ensued.

d. A census unit may describe more than one school district. Although there were more than three times as many census units as school districts, in some parts of the state a single census unit was clearly the best description of two adjacent school districts. When this occurred, it was permitted. (See Table 2 for numbers of duplicated census units.)

e. Every census unit was used to describe some school district.

5. The Final List of Matched Census Units and School Districts.

As a result of the carefully planned and executed procedures described above, a usable list of matched census units and school districts was created for inclusion in this report as Appendix A. A County summary of the list appears in Table 2 and selected characteristics are provided in Table 3.

Table 2. County Summary of Numbers of School Districts by Type and Class and Numbers of Census Units.

County		School Districts						Census Units		
No.	Name		By Type			By Class				
		Total	U	Ue	UH	1	2 & 3	Total	Dups.[a]	Actual
1	Baker	4	4	0	0	1	3	7	0	7
2	Benton	4	3	0	1	2	2	8	0	8
3	Clackamas	10	5	0	5	5	5	43[a]	1	42
4	Clatsop	7	4	2	1	1	6	10	2	8
5	Columbia	5	2	0	3	1	4	9	0	9
6	Coos	6	6	0	0	5	1	14	0	14
7	Crook	1	1	0	0	1	0	4	0	4
8	Curry	6	3	2	1	2	4	8	1	7
9	Deschutes	4	2	1	1	1	3	8	1	7
10	Douglas	17	14	2	1	6	11	26	8	18
11	Gilliam	2	2	0	0	0	2	2	0	2
12	Grant	6	5	0	1	0	6	7	3	4
13	Harney	2	0	0	2	0	2	5	1	4
14	Hood River	1	1	0	0	1	0	6	0	6
15	Jackson	11	8	3	0	5	6	21	4	17
16	Jefferson	4	2	2	0	1	3	6	0	6
17	Josephine	2	2	0	0	2	0	9	0	9
18	Klamath	2	1	0	1	2	0	11	0	11
19	Lake	9	2	7	0	1	8	11	6	5
20	Lane	17	17	0	0	11	6	37	4	33
21	Lincoln	1	1	0	0	1	0	9	0	9
22	Linn	8	3	1	4	4	4	22	2	20
23	Malheur	10	4	4	2	2	8	19	6	13
24	Marion	11	6	1	4	4	7	38	6	32
25	Morrow	1	1	0	0	1	0	3	0	3
26	Multnomah	8	5	2	1	5	3	137[a]	1	136
27	Polk	7	5	2	0	2	5	12	3	9
28	Sherman	1	0	0	1	0	1	2	0	2
29	Tillamook	3	2	0	1	2	1	6	0	6
30	Umatilla	11	10	0	1	2	9	20	5	15

Table 2 (continued)

County		School Districts						Census Units		
No.	Name	Total	By Type			By Class		Total	Dups.[a]	Actual
			U	Ue	UH	1	2 & 3			
31	Union	6	6	0	0	1	5	8	2	6
32	Wallowa	10	4	6	0	0	10	15	10	5
33	Wasco	6	3	2	1	2	4	8	4	4
34	Washington	7	2	0	5	5	2	37[a]	1	36
35	Wheeler	3	3	0	0	0	3	3	1	2
36	Yamhill	7	4	0	3	2	5	14	3	11
	Total	220	143	37	40	81	139	605	75	530
		In Tracted Counties[b]						217	3	214
		Census County Divisions						388	72	316

[a] Census units used to describe more than 1 school district

[b] Clackamas, Multnomah and Washington

Table 3. Summary of Numbers and Types School Districts Included in the Study

Characteristic	33 Non-Metropolitan Counties	3 Metropolitan Counties	All Oregon Counties
1. Number of School Districts	195	25	220
2. Number of Census Units:			
Total	388	217	605
Duplicated	72	3	75
Actual	316	214	530
3. Number of School Districts Described by only One Census Unit	114	4	118
4. Largest Number of Census Units Needed to Describe a Single School District	17 (Salem)	108 (Portland)	

B. Selection of Appropriate Basic Census Data for Use in the Study.

The published data of the 1960 Census of Population included data in a scope beyond the necessities of a study such as this one. Even the unpublished data for the non-metropolitan counties, which omitted some of the data included in the published data, exceeded the needs of this study. Therefore, selection of items was necessary. This selection was based on the presumed possible relationship of an item to the financial characteristics of school districts. In cases of doubt the item was retained. The resulting list of basic (not converted to ratios) census data is shown in Table 4, below.

As extensive as the list of variables in Table 4 is, 97 in all, it represents a significant reduction in the total number originally extracted from the census materials. For example, separate age level population data for each sex were (and are) available, although they are merged in the above list.

The basic data described in Table 4 are contained in eight punched cards for each district, thus producing the eight sub-tables contained in Appendix B. The data shown for each district represents a summation of data for the one or more census units matched with the school district.[1] These data provide a rich source of research material for districts although they are only an intermediate by-product of this study because of the essential need to convert all data to ratios to mitigate the problems of the overlap on the map matching. Because of this problem, caution in their use is advised.

---

[1] Data for *each census unit* are also available upon request to the writer.

Table 4. List of 97 Basic Census Data Variables Selected for Use in the Study.

Housing Variables

1. Sound housing units
2. Sound housing with all plumbing facilities
3. Deteriorating housing units
4. Deteriorating housing units with all plumbing facilities
5. Dilapidated housing units
6. Total housing units, all conditions
7. Trailers
8. One unit structures
9. Constructed between 1950 and 1959
10. Constructed between 1940 and 1949
11. Constructed before 1940
12. Owner occupied
13. Renter occupied
14. Vacant, for sale
15. Vacant, for rent
16. Vacant, other
17. Occupied by present occupant between 1958 and 1960
18. Occupied by present occupant between 1954 and 1957
19. Occupied by present occupant between 1940 and 1953
20. Occupied by present occupant before 1940
21. Value, total number for which value is recorded
22. Value, less than $ 5,000.
23. Value, $ 5,000. - $ 9,900.
24. Value, $ 10,000. - $ 14,900.
25. Value, $ 15,000. - $ 19,900.

Table 4, cont.

26. Value, $20,000. - $24,900.
27. Value, $25,000. - and over
28. Rent, total number of units reporting rent
29. Rent, zero
30. Rent, less than $20.
31. Rent, $20. - $39.
32. Rent, $40. - $59.
33. Rent, $60. - $79.
34. Rent, $80. - $99.
35. Rent, $100. - $149.
36. Rent, $150. and over

Population Variables

37. Population, under 5 years of age
38. 5-9
39. 10-14
40. 15-19
41. 20-24
42. 25-29
43. 30-34
44. 35-39
45. 40-44
46. 45-49
47. 50-54
48. 55-59
49. 60-64
50. 65-69
51. 70-74
52. 75 and over
53. Population in households

Enrollment Variables

54. Enrollment in kindergartens
55. Enrollment in kindergartens, public
56. Enrollment in elementary schools
57. Enrollment in elementary schools, public
58. Enrollment in high schools
59. Enrollment in high schools, public
60. Enrollment in college

Racial Variables

61. Population, non-white other than Negro
62. Population, Negro
63. Total population

Table 4, cont.

Education Completed Variables
(for persons 25 years of age and over)

64. No school years completed
65. Elementary school: 1 - 4 years
66. Elementary school: 5 - 7 years
67. Elementary school: 8 years
68. High school: 1 - 3 years
69. High School: 4 years
70. College: 1 - 3 years
71. College: 4 years or more

Employment Variables

72. Population, male, 14 years old and over
73. Labor force, male
74. Civilian labor force, male
75. Employed, male
76. Unemployed, male
77. Population, female, 14 years old and over
78. Labor force, female
79. Employed, female
80. Unemployed, female
81. Married women in labor force, husband present
82. Married women in labor force, husband present, with own children under 6.

Income Variables

83. Family income, under $1,000.
84. $1,000. - $1,999.
85. $2,000. - $2,999.
86. $3,000. - $3,999.
87. $4,000. - $4,999.
88. $5,000. - $5,999.
89. $6,000. - $6,999.
90. $7,000. - $7,999.
91. $8,000. - $8,999.
92. $9,000. - $9,999.
93. $10,000. - $14,999.
94. $15,000. - $24,999.
95. $25,000. and over

Table 4, cont.

Mobility Variables
(for persons 5 years of age and over)

96. Same house in 1955 and 1960
97. Moved between 1955 and 1960, but within the county (or SMSA)

Notes: In most cases, variables which could be derived from those listed above were not included in order to reduce the volume of data to be processed. For example, the white population is not included since it can be computed by subtracting the population in the two non-white categories from the total population.

C. Selection and Computation of Ratios Derived from the Basic Census Data

A wide variety of ratio data is suggested by examination of the 97 basic data variables. Some economy was exercised in selecting ratio data in order to avoid masking the forest (key findings) with the trees (data). It would be possible to obscure key relationships by including in the analysis an over-abundance of variables. A total of 32 ratio variables were selected and computed as shown in Table 5.

D. Selection of Data Describing Financial Characteristics of School Districts

Beginning in 1963-64, the writer, under the auspices of the Bureau of Educational Research of the University of Oregon began assembling systematic compilations of Oregon school district expenditure data. The first of these compilations was on 1961-62 data. For the present study, earlier data were required so that the school district financial data would be concurrent with the census data. Although school year 1959-60 would, in

Table 5. Census Ratio Variables Computed from the Basic Census Data.

Housing

1. Percent of housing which is sound.
2. Percent of housing (both sound and deteriorating) with all plumbing facilities.
3. Percent of housing which is trailers.
4. Percent of housing which is single units.
5. Percent of housing which was constructed prior to 1940.
6. Percent of housing which is owner occupied.
7. Median housing rent.
8. Inter-quartile range of housing rent.
9. Percent of housing which is vacant.
10. Percent of housing which was occupied by the present occupants prior to 1940.
14. Median housing value.
15. Inter-quartile range of median housing value.

Enrollment

11. Percent of all elementary enrollment which is in public elementary schools.
12. Percent of all school enrollment which is in public schools.
13. Public high school enrollment as a percent of total public elementary and high school enrollment.

Race

16. Percent of population which is white.

Education

17. Percent of population 25 years of age and older which has completed less than 8 years of school.
30. Percent of the population 25 years old and over which has completed high school.
31. Percent of the population 25 years and over which has completed college.

Mobility

18. Percent living in the same house in 1955 and 1960 (persons 5 years old and over in 1960).

Table 5, cont.

Employment

19. Percent of the male civilian labor force which is employed.
20. Civilian male labor force as a percent of total male labor force.
21. Percent of female labor force which is employed.
24. Percent of the total labor force (male and female) which is employed.
25. Percent of the total labor force which is male.
26. Percent of the female labor force which is married (husband present.)

Age

22. Median population age.
23. Inter-quartile range of median population age.

Income

27. Total family income (not a ratio variable).
28. Median family income.
29. Inter-quartile range of median family income.
32. Family income per capita.

some ways, have been more exactly concurrent, higher quality financial data were available for 1960-61, and these were used. The U. S. Census was taken in March 1960. The financial data are for the school year which began the following autumn. However, many decisions affecting the level of expenditures were made during the budget-making period in the Spring of 1960, exactly when the census was being taken. Furthermore, other analyses have shown that the level of expenditures in a district *in relation to those in other districts* does not change significantly from one year to the next.

Of course, the school district financial data had to be adapted to the 1963-64 district organization pattern on which the entire study is based. The total number of districts in the state in 1960-61 significantly exceeded the number of districts into which the state was divided in 1963-64. A computer program developed for the previous study of financial effects of district reorganization was utilized to add financial data of component districts to produce data for the 22 real or hypothetical unified districts of 1963-64 on which this study is based. The financial data selected for use in the study are listed in Table 6.

A compendium of the school district financial data is contained in Appendix D. Such data as the type and class of district were used as school district variables when the population for analysis was divided on the basis of these factors.

E. Summary of the Data Preparation Procedures

The data used in this study are voluminous and intricate. Conversion of data for different years and different patterns of district organization and the problem of matching the census unit boundaries with the boundaries of school districts were all clerical processing and statistical problems of the first order. A degree of tolerance of inaccuracy and inadequacy is necessarily implied in the construction of such an array of data. However, the methods used to analyze the data and the level of confidence to be demanded to support inferences compensate for the problems of data preparation.

Table 6. List of School District Financial Data Used in the Study.

District Independent
Variables:

33	Average Daily Membership, weighted (ADMw)	
42	True Cash Value per ADMw (TCVA)	

Expenditure per ADMw Variables (C Series)

Expenditures per ADMw for:

34	Administration	(C100)
35	Instruction	(C200)
36	Operation	(C600)
37	Maintenance	(C700)
38	Fixed Charges	(C800)
39	Current Expense of Education (Classes 100-800 except 500)	(CX)
40	Transportation	(C500)
41	Current Expense of Education (Classes 100-800)	(CCEE)
43	Salaries of Administration (Superintendent and Assistant Superintendents' salaries, not principals' salaries)	(C110)

Percent of CX Variables (D Series)

Percent of CX expended for:

44	Administration	(D100)
45	Instruction	(D200)
46	Operation	(D600)
47	Maintenance	(D700)
48	Fixed Charges	(D800)
49	Salaries of administration	(D110)
50	CX as a percent of CCEE (actually a measure of the relative level of expenditures for transportation)	(DX)

III. ANALYSIS OF THE DATA: CENTRAL TENDENCY, RANGE AND VARIATION

The analysis of the data falls into two distinct categories:

1. Measures of central tendency and variation among the districts on each of the variables studied. (Section III)
2. Relationships between pairs of variables for selected populations of districts. (Section IV, below)

The first analysis listed above, to which this Section is devoted, was the simple computation of means and standard deviations for the 55 census ratios and finance variables for the total group of 220 districts. Ranges on each variable are also provided. This analysis was the logical first step. It, however, indicated clearly that the inclusion of such diverse districts as Portland and Popcorn in a single population of districts was not appropriate and this led to a group of subsequent analyses of selected sub-populations of districts. Care was essential at this point to avoid creation of populations with overly small numbers of districts. Minute stratification was, therefore, not attempted. First class districts, all of which have at least a semblance of a reasonable number of students, became a key group and this automatically caused the remainder to become a group for analysis. As a result of these early findings, six populations were selected for study, as follows:

	N
1. Total Population	220
2. All first class districts (less Ue)	81
3. All second and third class districts (less Ue)	102
4. All Ue districts	37
5. Unified districts	143
6. Union high school districts	40

A. Measures of Central Tendency and Variation Employed

The mean value for each variable and the standard deviation of each variable were computed for each sub-population. The first of these two measures provides a single figure to describe a central point of the full distribution of that variable. The second figure is a measure of the "spread" of the districts on that variable. Normally, about 2/3 of the districts would be between one-standard deviation below the mean and one-standard deviation above the mean. For example, in the total population of 220 districts:

The mean percent of housing constructed prior to 1940 is: (V5) 52.12%
The standard deviation of this value is: 15.79%
Which means that 2/3 of the districts had percentages
ranging between: 36.33% (52.12 - 15.79) and
67.91% (52.12 + 15.79)

Another use of the variations is to determine how much one district or one group of districts differs from other districts. Variation more than 1 1/2 standard deviations from the mean (either up or down) is very unusual. Therefore, any district with a percent of the housing completed before 1940 above 75.80% (52.12+(1.5 x 15.79)) is unusually high and a district below 28.44% (52.12 - (1.5 x 15.79)) is unusually low. Beaverton, with only 19.46% of the housing constructed prior to 1940 (more than 2 standard deviations below the mean) is a very new school district in terms of the age of its housing. On the other hand, Knappa with 77.14% of its housing constructed prior to 1940 is significantly older, as measured by age of housing, than the typical district in the state.

Table 7 contains means for each of the 50 variables for the 5 populations. The means for a single population provide little analytical data. Comparison of means of populations does, however, provide a fruitful source of analysis. Table 8 contains the standard deviations of each variable for each of the 5 populations.

An administrator and/or researcher can, by use of the mean (Table 7) and the standard deviation (Table 8) together with the basic data for each district contained in Appendix C, determine the relative position of his district or any other district in comparison with the mean for each population of which the district is a component. An example of this process is in order, as shown in Table 9 for the Bend School District.

Table 7. Mean Values for Each of the 50 Census Ratio and Finance Variables for Each of the 5 Populations of Districts.

Variables (See Tables 5 & 6 for Identification)	Populations of Districts					
	All	First Class	2nd&3rd Class	Ue	Unified	Non-Unified
Population N=	220	81	102	37	143	40
Census Ratio Variables:						
Housing						
1	69.59	76.01	66.36	64.43	70.36	71.62
2	77.11	85.09	75.07	65.25	79.24	80.45
3	3.22	3.05	3.05	4.08	3.22	2.44
4	91.09	88.85	91.93	93.66	89.88	93.02
5	52.12	44.65	55.55	59.02	50.10	52.97
6	57.74	63.25	55.99	50.53	58.62	61.30
7	53.49	63.94	50.57	38.68	56.04	68.09
8	22.05	20.34	22.22	25.32	21.33	21.58
9	17.29	11.20	18.62	29.21	15.19	15.87
10	9.64	8.14	10.56	10.51	9.17	10.62
14	8306.06	9554.08	6967.27	9061.09	8064.42	8283.25
15	3298.86	3634.36	3174.05	5797.85	3381.90	3363.10
Enrollment						
11	95.88	92.96	97.18	97.25	95.54	94.49
12	98.84	97.45	100.13	97.99	100.11	94.76
13	26.60	26.11	27.49	27.08	26.84	27.01
Race						
16	98.71	98.27	99.23	97.89	98.76	98.94
Education						
17	13.43	12.67	14.20	14.78	13.21	14.62
30	43.34	45.51	41.15	43.72	43.28	42.36
31	5.87	7.05	4.95	6.04	5.92	5.74

Table 7. (continued)

Population N =	220	81	102	37	143	40
Mobility						
18	45.468	42.84	47.01	46.96	44.12	48.89
Employment						
19	93.05	93.26	92.56	91.60	92.59	93.86
20	98.94	98.05	99.38	97.81	98.76	98.89
21	91.76	92.99	90.95	88.95	91.73	92.31
24	91.94	91.63	91.73	92.20	91.41	92.67
25	75.35	71.61	77.06	76.70	74.88	73.80
26	70.05	67.89	71.30	69.36	69.99	69.06
Age						
22	29.67	29.16	29.54	31.34	29.21	29.97
23	18.77	18.67	18.87	64.75	18.69	19.12
Income						
27	1532295.00	34312024.00	5047000.00	1994162.10	18775611.00	15228887.00
28	5320.65	5708.56	5071.51	5022.14	5388.84	5227.07
29	1965.13	2011.23	1930.89	1911.99	1965.70	1969.13
32	1702.93	2081.81	1492.85	1413.93	1787.86	1630.83
District Independent Variables						
33	1706.03	3924.91	538.44	67.23	2089.10	1852.43
42	41724.00	24039.58	35716.92	96998.62	31429.29	27398.57
District Finance Variables Per ADMw Expenditure variables						
34	23.05	14.63	28.93	25.29	23.50	19.40
35	334.45	290.54	332.49	435.98	315.37	308.75
36	51.52	42.15	55.99	59.70	51.18	45.17
37	21.76	15.80	23.66	29.56	20.45	19.23

Table 7. (continued)

Population N =	220	81	102	37	143	40
38	34.38	28.20	35.01	46.17	32.34	30.77
39	466.14	392.73	476.80	597.49	443.85	424.35
40	56.47	26.39	49.64	141.18	38.44	42.61
41	522.63	419.13	526.45	738.68	482.29	466.96
43	.61	.53	.89	.01	.73	.75
Per cent of CX Variables						
44	4.93	3.85	6.07	4.16	5.23	4.60
45	71.30	73.13	69.71	71.66	70.78	72.80
46	11.36	11.05	11.80	10.84	11.72	10.55
47	4.62	4.13	5.91	4.85	4.60	4.45
48	7.52	7.44	7.31	8.27	7.39	7.30
49	.13	.13	.17	0.00	.16	.14
50	89.26	93.66	90.75	75.54	92.18	91.53

Table 8. Standard Deviations of Each of the 50 Census Ratio and Finance Variables for Each of the 5 Populations of Districts.

Variables (See Tables 5 & 6 for Identification)	All	First Class	2nd & 3rd Class	Ue	Unified	Non-Unified
Population N=	220	81	102	37	143	40
Census Ratio Variables:						
Housing						
1	13.85	8.93	14.29	16.33	13.81	10.23
2	13.48	7.44	11.36	17.93	11.43	9.36
3	3.29	2.79	3.36	4.00	3.26	2.47
4	6.90	6.87	7.11	4.77	7.28	6.14
5	15.79	14.82	15.41	12.42	16.72	13.36
6	11.73	8.04	10.62	15.72	10.25	9.89
7	18.89	11.64	17.64	22.40	16.26	18.02
8	7.68	4.30	7.94	11.13	6.67	6.56
9	11.10	5.88	10.13	18.40	9.17	9.69
10	4.62	3.82	4.92	4.73	4.74	4.00
14	2978.26	2046.63	2155.27	4934.49	2553.31	2143.12
15	1013.19	567.53	837.36	17697.86	770.49	748.33
Enrollment						
11	6.28	6.77	5.97	8.87	6.64	6.74
12	30.09	35.23	31.21	3.55	37.11	6.33
13	5.55	4.18	5.33	14.66	5.19	3.71
Race						
16	3.00	3.82	.99	4.66	2.90	1.71
Education						
17	4.30	3.36	4.03	13.00	3.78	3.76
30	7.67	7.63	6.42	10.50	7.61	6.09
31	3.65	3.70	1.72	6.12	3.21	1.82

Table 8. (continued)

Population N=	220	81	102	37	143	40
Mobility						
18	9.62	6.27	8.42	15.87	7.68	7.18
Employment						
19	4.04	2.71	4.45	16.21	4.01	2.67
20	6.30	9.82	2.88	11.16	7.60	3.34
21	10.46	3.24	13.11	19.45	11.15	4.22
24	6.97	8.83	5.50p	9.36	7.89	3.21
25	6.89	4.34	6.31	15.43	6.40	5.09
26	12.94	6.46	13.33	23.41	11.96	6.15
Age						
22	3.49	2.83	3.45	4.60	3.29	2.75
23	1.28	1.35	1.27	280.37	1.35	1.09
Income						
27	56247278.00	89784609.00	3658339.10	2012319.30	68793031.00	17913237.00
28	782.04	721.32	585.30	1334.56	745.60	615.74
29	411.60	302.69	306.27	811.48	321.91	246.99
32	821.78	1206.84	233.66	512.96	885.95	808.04
District Independent Variables						
33	5224.04	8153.56	451.72	103.73	6338.44	1961.69
42	47170.04	10471.08	28212.72	84336.78	23979.90	18366.91
District Finance Variables Per ADMw Expenditure Variables						
34	18.34	4.81	21.33	21.35	19.46	8.41
35	144.84	52.84	80.00	297.53	70.83	77.70
36	20.67	8.45	19.83	31.85	17.28	16.43
37	17.53	6.87	12.77	33.96	11.54	10.23

Table 8. (continued)

Population N=	220	81	102	37	143	40
38	14.99	4.82	10.74	27.60	9.63	7.78
39	182.82	59.64	113.17	359.62	101.35	104.59
40	81.75	13.85	32.38	166.56	25.10	37.79
41	235.41	64.42	128.74	457.49	113.29	133.61
43	1.31	.79	1.73	.06	1.37	1.55
Percent of CX Variables						
44	3.44	1.85	4.42	1.63	4.06	1.73
45	9.04	9.40	8.04	10.26	9.77	3.30
46	4.29	4.08	4.37	4.54	4.70	1.59
47	2.60	2.06	2.14	4.24	2.24	1.75
48	2.65	2.85	1.59	4.12	2.48	.92
49	.26	.21	.32	.01	.29	.25
50	12.72	3.30	4.89	25.48	4.57	4.20

Table 9. Comparison of Bend School District with the Mean for the Total Population of School Districts on Selected Census Ratio Variables. An Example of a Process Possible for All Districts on All Variables.

Selected Census Ratio Variables (see Table 5 for a complete list)	Bend Data	Comparison with Total Population of Districts		
		Mean	Std. Dev.	Interpretation
Source:	App. C	Table 7	Table 8	
V1. %sound housing	75.03%	69.59%	13.85	Very slightly high
V5. %housing built prior to 1940	63.13%	52.12	15.79	Very slightly low
V14. median housing value	$8,954.	$8,306.	$2,978	Average
V17. % of population completing less than 8 years of school	11.14%	13.43	4.30	Very slightly low
V18. % of population who lived in the same house in 1955 and 1960	40.81%	45.47	9.62	Average
V19. % males in the labor force who are employed	88.81%	93.05	4.04	Slightly low
V22. median population age	31.50 yrs.	29.67	3.49	Very slightly high
V28. median family income	$5,734.	$5,320	$782	Very slightly high
V31. % completing college	7.40%	5.87	3.65	Very slightly high

B. Differences between Populations of Districts

Inspection of the mean values on the 50 variables provided in Table 7 discloses many instances of noteworthy differences between dichotomies of classes and types of districts. Contrasts are provided below between the 81 first class districts and the 102 second and third class districts and between the 143 unified and the 40 non-unified districts. The data on the Ue districts is not used in this analysis.

1. Differences between first class districts and second and third class districts. Among the 50 variables differences worthy of note between larger districts and smaller districts were discovered. These are listed below in Table 10. Interestingly, the differences on census variables tended to concentrate in the housing and income variables with no differences at all on enrollment, race, mobility, employment and age variables. The larger districts had better, newer higher rent and value housing which was more owner occupied and less vacant. More of the residents of larger districts had completed college and they had higher income. Although the income of larger districts was higher, the true cash value per ADMw of larger districts was definitely smaller. Larger districts spent less per pupil on all budget classes but proportionately less of these expenditures was for administration while more was for instruction.

2. Differences between unified and non-unified districts. This dichotomy of districts is less meaningful than the dichotomy between larger and smaller districts described above. This is true because

Table 10. Noteworthy Differences in Means Between First Class Districts and Second and Third Class Districts Among the 50 Census and Finance Variables.

Variables	First Class Districts are:	Rounded Data
Census Ratio Variables		1st Cl. 2-3 Cl.
Housing		
1. % sound housing	higher	76 - 66%
2. % housing with all plumbing	higher	85 - 75%
5. % housing built prior to 1940	lower	45 - 56%
6. % owner occupied	higher	63 - 56%
7. Median rent	higher	$64 - 51
9, % housing vacant	lower	11 - 19 %
14. Median housing value	higher	$9,554 - 6,967
15. Interquartile range, housing value	higher	$3,634 - 3,174
Enrollment - none		
Race - none		
Education		
31. % completed college	higher	7 - 5%
Mobility - none		
Employment - none		
Age - none		

Table 10 (continued)

Income		
28. Median family income	higher	$5,708 - 5,071
32. Family Income per capita	higher	$2,082 - 1,493
District Independent Variables		
42. True cash value per ADMw	lower	$24,039 - 35,716
33. Mean ADMw	higher	3,925 - 538
Expenditure per ADMw Variables		
34. Administration	lower	$15 - 29
35. Instruction	lower	$291 - 332
36. Operation	lower	$42 - 56
37. Maintenance	lower	$16 - 24
38. Fixed Charges	lower	$28 - 35
39. CX	lower	$393 - 477
40. Transportation	lower	$26 - 50
41. CCEE	lower	$419 - 526
Expenditures as a % of CX Variables		
44. Administration	lower	4 - 6%
45. Instruction	higher	73 - 70

the group of unified districts includes a very wide range of districts in terms of size and location. Furthermore, the comparison group is an anomaly. . When, as in this study, union high school districts are hypothetically unified quite large districts result. For example, the mean ADMw of the 143 unified districts is 2089 while that of the 40 non-unified districts is only slightly lower, 1,852. Size of district is an important determinant of other variables. Therefore, this dichotomy which does not discriminate among sizes or locations of districts produces few differences. In fact, application of the criteria regarding size of differences used to select variables for inclusion in Table 10 resulted in no differences between unified and non-unified being selected. A few interesting but marginally significant differences can be found in Table 7.

C. Ranges of the Total Group of Districts on All Variables.

On almost all variables there is excessive range between the highest and lowest of the 220 districts. Often this range is nearly 2 to 1. In Table 11 several districts at each end of a rank order list on each variable are listed along with their data. In many ways this analysis would have been more significant, although it would have shown less range, had it been confined to the 81 first class districts. A few very small districts with unusual situations tended to repeat in the listings. However, the total range was selected as a part of the general design of including the total state. Of course, if elementary districts had been treated individually rather than merged with high school units some change in the ranges would have resulted.

A complete narrative analysis of Table 11 is not contemplated here. However, a few of the more interesting ranges and the districts associated with them are listed below:

Table 11. Ranges in Each Variable Among the Total Population of 221 Districts.

Variables		Highest		Lowest	
No.	Name	Data	Name	Data	Name
Housing					
V1.	% Sound housing	91.65	Lake Oswego	18.81	Falls City, Valsetz
V2.	% All plumbing	97.28	Lake Oswego	38.28	The Bridge, The Park, Lewis
		97.09	Parkrose		
V3.	% Trailers	15.59	Powers	.72	Hermiston,
		14.63	Ophir		Applegate
		14.35	Silver Lake,	.92	Hood River
			Fort Rock		Monument,
		14.03	McKenzie		Long Creek
V4.	% Single unit	100.00	5 districts	65.64	Arlington
				68.85	Seaside
				69.33	Ophir
V5.	Housing built prior to 1940, %	87.69	Imbler, Cove	18.08	Culver
		83.79	Ana River	19.46	Beaverton
V6.	% owner occupied	79.87	Riverbank	18.40	Black Butte
		78.34	West Linn	26.27	Agness-Illahes
		78.05	David Douglas	28.22	Antelope
V7.	Median housing rent	$127.88	Gervais	$3.33	Crane
		100.46	Lake Oswego	7.50	Butte Falls
		94.91	Beaverton		
V8.	Interquartile Range-Median Housing Rent	$58.18	Plush, Adel	$5.00	Black Butte
		47.04	Condon	6.05	Beulah, Harper
V9.	Percent vacant housing	73.61	Black Butte	4.06	David Douglas
		51.65	Sandy	4.26	Eugene

Table 11 (continued)

V10. Percent tenure prior to 1940	22.99	Weston	.58	St. Paul
	21.50	Pratum	1.61	Culver
	21.47	Central Linn	2.00	Oakridge
			2.02	Westfir
V14. Median housing value	$21,388	Ashwood	$2,500	Crane, Antelope
	18,763	Riverdale	2,894	Jewell
	17,788	Lake Oswego	3,352	Vernonia
V15. Interquartile Range - Median housing value	$8,067	Riverdale	$1,250	Crane, Antelope and 11 others
	8,012	Ashwood		
Enrollment				
V11. % Public, Elem. level	100.00	74 districts	54.69	St. Paul
			63.89	Woodburn
			69.36	Stayton
V12. % public, H.S. level	100.00	60 districts	43.69	St. Paul
			59.16	Woodburn
			71.01	Stayton
V13. % high school, public	42.53	Drain	0.00	Black Butte
	36.85	Umatilla	9.43	Eden, Flora, Troy
	36.71	Sisters, Brothers		
Race				
V16. Percent white	100.00	11 districts	71.39	Madras
			77.84	Agness - Illahee
			85.16	Annex
Education				
V17. % Completing less than 8 years of school	28.57	St. Paul	3.94	Ashwood
	27.37	Antelope	4.34	Riverdale
	25.78	Buell	4.47	Lake Oswego

Table 11 (continued)

V30. % completing high school	74.49	Riverdale	25.69	Banks
	73.23	Lake Oswego	26.98	Buell
	69.58	Corvallis	29.43	Powers
V31 % completing college	33.44	Riverdale	0.00	Antelope, Olney
	25.52	Corvallis		The Bridge, Lewis,
	22.26	Lake Oswego		The Park
	20.00	Black Butte	.87	Hereford - Unity
	16.66	Beaverton	1.54	Annex
	15.45	Eugene	1.59	Lowell
Mobility				
V18. Percent in same house, 1955 & 1960	100.00	Pratum	9.91	Black Butte
	78.82	St. Paul	18.40	Silver Lake,
	74.66	Pinehurst		Fort Rock
	65.62	Weston	25.45	Ophir
Employment				
V19. Percent of civilian males employed	100.00	10 small, eastern districts	72.85	St. Paul
			78.43	Prospect
			79.06	Agness - Illahee
V20. Percent of male labor force which is civilian	100.00	144 districts	14.90	Nyssa
			77.76	Astoria
			77.22	Condon
V21. Percent of females in the labor force employed	100.00	32 smaller districts	8.10	Jefferson
			9.00	St. Paul
			45.00	Pratum
			50.00	Antelope
V24. Percent of the total labor force (M & F) employed	100.00	9 small districts	60.57	St. Paul
	99.20	Crane other small districts	69.43	Jefferson
	97.06	Lake Oswego		

Table 11 (continued)

V25. Percent of the labor force which is male	97.76	Antelope	50.00	Black Butte
	97.14	St. Paul	61.07	Salem
	97.10	Jefferson	61.81	Agness - Illahee
V26. Percent married women in the female labor force	100.00	6 eastern districts	0.00	Jefferson, St. Paul, Pratum
			33.33	Black Butte
			42.80	Riverdale
District Independent Variables				
V33. ADMw (not a ratio variable)	71,592.4	Portland	2.1	Beulah
	16,289.8	Salem	5.0	Lewis
	15,040.3	Eugene	5.7	The Park
V42. True Cash Value per ADMw	$325,274	Ana River	$10,106	Creswell
	315,957	Lewis	10,972	Colton
	264,842	Beulah	11,615	Hermiston
	230,389	Ash Valley	11,998	Falls City
Expenditure Per Pupil Variables (C Series)				
V34. Administration (C100)	$170.04	Flora	$6.12	Mt. Vernon
	128.77	Beulah	6.14	Falls City
	98.91	Helix	6.32	Klamath Falls[a]
	76.80	Hereford-Unity	6.93	Central Point
V35. Instruction (C200)	2,721.01	Beulah	161.22	Myrtle Point
	1,654.04	Lewis	175.07	Ashland
	1,270.20	Antelope	208.35	Riverdale
	1,145.08	Flora	237.98	Colton
V36. Operation (C600)	145.52	Ash Valley	12.13	Rockville
	139.08	Flora	19.14	Eden
	126.69	Helix	23.90	Pratum

Table 11 (continued)

V37. Maintenance (C700)	141.06	Ash Valley	.00	Beulah
	132.50	Silver Lake	.66	Olney
	103.68	Plush	.91	Lourdes
	83.88	Paisley	3.66	Central Linn
V38. Fixed Charges (C800)	148.30	Beulah	.00	Helix
	141.93	Ash Valley	5.97	Colton
	79.42	Elkton	18.00	Pratum
	67.69	Eden	19.87	Rockville
V39. CX (100-800 except 500)	2,335.30	Beulah	125.49	Myrtle Point
	1,050.31	Flora	162.83	Ashland
	957.82	Ash Valley	175.28	Riverdale
			215.25	Colton
			247.77	Helix
V40. Transportation (C500)	726.00	Lewis	0.00	Pratum,
	593.23	Antelope		Buell, Popcorn
	397.38	Fort Rock	2.59	Portland
V41. CCEE (100-800)	2,721.01	Beulah	161.22	Myrtle Point
	1,654.04	Lewis	175.07	Ashland
	1,270.20	Antelope	208.35	Riverdale
V43. Salaries of Administration (C110)	8.42	Hereford-Unity	0.00	Many, many districts
	7.16	Pine-Eagle		
	6.70	Maupin		
Expenditures as a Percent of CX (D Series)				
V44. Administration (D100)	39.91	Helix	1.44	Falls City
	16.21	Myrtle Point	1.64	The Park
	16.18	Flora	1.70	Mt. Vernon,
	14.24	Harper		Nestucca
V45. Instruction (D200)	84.02	Rockville	0.00	Helix
	83.99	Monroe	.28	Myrtle Point
	83.40	Eden	24.85	Riverdale
	82.90	Beulah	40.15	Ashland

Table 11 (continued)

V46. Operation (D600)	51.13	Helix	2.17	Eden
	42.27	Myrtle Point	2.99	Rockville
	25.42	Riverdale	4.32	Lewis
V47. Maintenance (D700)	17.62	Silver Lake	0.00	Beulah
	15.34	Riverdale	.21	Olney
	14.72	Ash Valley	.22	Lourdes
	13.03	Central Point	.89	Central Linn
V48. Fixed Charges (D800)	29.25	Myrtle Point	0.00	Helix
	28.76	Riverdale	2.77	Colton
	17.83	Ashland	3.97	Troy
	14.81	Ash Valley	4.07	Central
V49. Salaries of Administration (D110)	1.51	Hereford-Unity	0.00	Many, many districts
	1.30	Huntington		
	1.28			
V50. CX as a Percent of CCEE (DX)	100.00	Pratum, Buell, Popcorn	53.29	Antelope
			56.10	Lewis
	99.38	Portland	59.63	Arock
	98.43	Powers		

[a] Data for Klamath Falls are affected by the unusual district organization pattern in that area and should be so interpreted.

1. The Black Butte district of Jefferson County serving the Metolious River summer home area appears very frequently because of the unusual characteristics of its population--high housing vacancy (1 April census data), high educational attainment, high proportion of women in the labor force.

2. A group of districts in the central Willamette Valley north and east of Salem appear often because of an unusual religious organization of the population. These districts are St. Paul, Woodburn and Stayton where large proportions of enrollment are non-public (see variables 11 and 12).

3. The upper income suburbs of Portland (Beaverton, Lake Oswego, Parkrose, David Douglas) are frequently among the few larger districts to appear at the extremes on several variables. The high value of homes, high income and educational attainment of these areas is clearly evident. The Riverdale Ue district, an enclave in Portland, also fell into this category.

4. A group of very, very small eastern districts (Eden, Flora, Troy, Antelope, Beulah, The Bridge, Lewis, The Park, and others) appear often in the list. These are all very small units without normal population characteristics. Groups of two or three among those listed appear together on all census variables because all districts in the group are described by the same census characteristic.

5. Districts which appeared at the extremes of the rank order listings tended to be similar. A reasonable explanation seems to exist for the location of most districts identified at the extremes.

6. A rank order listing of all districts on all variables is available in the office of the Bureau of Educational Research for the use of anyone interested in positions of districts not included in the extremes shown in Table 11. A deck of punched cards is also available if a ranked list of only the larger districts or any other sub-population is desired.

In Chapter III measures of central tendency and range and variation have been analyzed for the entire population of districts and to some extent for certain sub-populations. Attention now turns in Chapter IV to interrelationships between variables in the form of correlation analyses.

IV. Analysis of the Data: Correlation

Complete single order correlation matrices for all variables were computed for each of the five populations of districts. These matrices are included in this report in their entirety in Appendix E. Although these data describe the inter-relationships between each of the many pairs of variables possible from a total of 50 variables,[1] of special interest, of course, are the relationships between each of the census ratio variables and each of the financial variables. Correlations between pairs of census variables and between pairs of financial variables are relegated to positions of lesser emphasis in this report.

A. Relationships between Census Variables and School District Financial Variables. The most logical starting point for analysis of the correlation matrices is to examine the single order correlations between the 32 census variables and the 18 school district financial variables (including variable 33 which is the ADMw of the district). Such analysis was completed for each of the populations of districts with quite different results as described below.

1. Total population of districts (N = 220). In considering this analysis, it must be remembered that Portland (ADMw = 71,592) and Popcorn (ADMw = 33.5) are both included in the population. For the total

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[1] The total is $\left(\frac{m^2-m}{2}\right)$ which for m = 50 variables = 1,225.

Table 12. Significant (r = .155)[a] Relationships between Census Variables and School District Financial Variables:

Total Population of Districts, N = 220

Census Variables	Expenditures per Pupil Variables (C Series)								
	V34 C100	V35 C200	V36 C600	V37 C700	V38 C800	V39 CX	V40 C500	V41 CCEE	V43 C110
Housing									
1	-.256	-.182	-.235	-.217	-.201	-.233	-.172	-.241	
2	-.276	-.401	-.368	-.320	-.328	-.453	-.464	-.513	
3			.176	.227		.182	.238	.224	
4	none								
5	.159		.211	.159		.164	.211	.201	
6	-.172	-.316	-.400	-.400	-.279	-.383	-.372	-.427	
7	-.407	-.439	-.350	-.262	-.341	-.480	-.437	-.525	
8			.222				.199		
9	.270	.324	.301	.352	.266	.372	.393	.426	
10	none								
14	-.217		-.249						
15		-.269	-.218	-.248	-.166	-.290	-.164	-.282	-.187
Enrollment									
11		.158	.198	.209	.204	.198	.207	.226	
12	none								
13		-.179				-.185		-.179	
Race									
16	none								
Education									
17	none								
30						-.158	-.173	-.183	
31	none								

Table 12 (continued)

Census Variables	V34 C100	V35 C200	V36 C600	V37 C700	V38 C800	V39 CX	V40 C500	V41 CCEE	V43 C110
Mobility									
18				-.204					
Employment									
19		-.148				.160	.223	.202	
20	none								
21	none								
24	none								
25	.307	.266	.354	.241	.305	.329	.397	.393	
26	.174		.221						
Age									
22	none								
23	none								
Income									
27	none								
28	-.267	-.194				-.220	-.209	-.243	
29	none								
32	-.189				-.158		-.155	-.157	
District Independent Variables									
33	-.160		-.160		-.155				
42	.366	.515	.502	.422	.564	.589	.618	.672	

Table 12. (continued)

Expenditures in Account Classes as a Percent

of CX (D Series)

Census Variables	V44 D100	V45 D200	V46 D600	V47 D700	V48 D800	V49 D110	V50 DX	District Independent Variables $V33^b$ ADMw	 V42 TCVA
Housing									
1	-.161							.217	-.249
2	-.160						.163	.231	-.495
3									.268
4							-.180	-.229	
5									.234
6				-.216					-.433
7	-.156						.246	.236	-.431
8	.168		.181			-.170			.208
9				.183				-.204	.368
10									.162
14								.202	
15					-.176				
Enrollment									
11				-.156				-.235	.176
12	none								
13	none								
Race									
16	none								
Education									
17	none								
30								.190	
31				.164	.216			.207	

Table 12. (continued)

Census Variables	V44 D100	V45 D200	V46 D600	V47 D700	V48 D800	V49 D110	V50 DX	V33 ADMw	V42 TCVA
Mobility									
18				-.198			-.254		
Enrollment									
19									.190
20	none								
21							.202		
24	none								
25	.189						-.284	-.289	.353
26								-.165	
Age									
22	none								
23	none								
Income									
27[b]								.988[b]	
28							.168	.236	
29		-.182	.208		.224				
32								.181	
District Independent Variables									
33[b]							1.00		
42	.190	-.186		.185			-.275		1.00

[a] With N = 220 and therefore df = 218, a value of r of ± .155 is significant at the 1% level of confidence.

[b] Variables 27 (Total Income) and 33 (ADMw) are not ratio variables.

Table 13. Patterns of Significant Relationships between Census Variables and Financial Variables, Total Population of Districts (N=220).

	Numbers of Significant Relationship			Direction of r	
	C Series (9)	D Series (7)	Total (16)	C Series	Comment
Housing					
1	8	1	9	-	In general, the housing variables bore more relationship to the two types of financial variables than any other class of census variable. Much of this is eliminated when size of district is controlled (see Table 15 .)
2	8	2	10	-	
3	5	0	5	+	
4	0	1	1	+	
5	6	0	6	+	
6	8	1	9	-	
7	8	2	10	-	
8	2	3	5	+	
9	8	1	9	+	
10	0	0			
14	2	0	2	-	
15	8	1	9	-	
Enrollment					
11	7	1	8	+	A moderate amount of relationship.
12	0	0			
13	3	0	3	-	
Race					
16	0	0			No relationships.
Education					
17	0	0			Only the college factor (V31) displayed any relationship and then it is low.
30	0	0			
31	3	2	5	-	

Table 13. (continued)

Mobility					
18	1	2	3		No real meaning.
Employment					
19	4	0	4	+	The % of the labor force which is male (V25) bears a consistent positive relationship to level of expenditure. Other employment variables show low relationships.
20	0	0			
21	0	1	1		
24	0	0			
25	7	2	9	+	
26	2	0	2	+	
Age					
22	0	0			No relationship.
23	0	0			
Income					
27	0	0			Level of income bears some relationship to expenditure levels, surprisingly it is negative. Caused by effects of district size.
28	5	1	6	-	
29	0	3	3		
32	4	0	4	-	
District Independent Variables					
33	3			-	
42	8	4	12	+	

Through examination of Tables 12 and 13 we can say that, for the 220 districts taken as a single group, those districts with high expenditures per pupil are:

1. Low in % of housing which is sound (V1)
2. Low in % of housing with all plumbing (V3)
3. High in % of housing built prior to 1940 (V5)
4. Low in % of housing which is owner occupied (V6)
5. Low in median housing rent (V7)
6. High in % of housing which is vacant (V9)
7. Low in interquartile range of housing value (V15)
8. High in percent of total elementary enrollment (public and non-public) which is public (V11)
9. High in % of total labor force which is male (V25)
10. Low in median family income (V28)

Of course, the reverse of each statement also obtains; that is, districts which have low expenditures per pupil have high % of housing which is sound, etc. These relationships are probably spurious, however, since the relationships of size of district (ADMw) to each expenditure variable is significant and in the opposite direction from the relationship to the census variables (see the next to last column in Table 12). The effect of size will be discernible when sub-populations of districts based on size are examined separately, in later paragraphs.

Other significant findings from Tables 12 and 13 are:

1. Census variables describing housing produce relatively more and higher significant relationships than other classes of variables.

2. No census variable was as strong a predictor of expenditure practices of districts as was property tax wealth per pupil, TCVA (V42). Generally, high wealth is associated with high expenditures although the size factor is highly troublesome.

3. The census variables were very much less related to expenditures as a percent of CX (D Series) than they were to the level of expenditures (C Series). It must also be remembered that the D series variables are significantly interrelated in a way not applicable to the C series of levels of expenditures. If one expenditure class is high as a percent of CX, some other component of CX must be lower as a percent of CX. All components of CX cannot be high percents of CX.

4. Relationships with variables 39 and 41 (CX & CCEE) are more meaningful than those with other expenditure level variables (C Series) since these two figures represent the sum of several separate account classes. It can also be inferred from the data in Tables 12 and 13 that expenditure levels in each account class are positively correlated with expenditures in all other account classes; in other words, a district with high expenditures in one class will be likely to have high expenditures in the other account classes (See also the actual matrices in Appendix E). This is also shown by the fact that for all significant relationships the sign of the relationship of a census variable was the same for all account classes. Only a few small reversals prevent this statement from being made even for the insignificant relationships.

5. Although the two relationships are low but significant it is interesting to speculate about the relationship between district property tax base wealth (TCVA) and variables D100 and D200. To the degree described by coefficients of about .185 to .190 it appears that districts of higher wealth spend a greater proportion of their educational dollars on administration (D100) and lower proportions on instruction (D200). The relationship of -.275 between TCVA and DX is caused by the skewed distribution of Transportation (C500) which controls DX.

Perhaps as meaningful as the significant correlation coefficients to which Tables 12 and 13 are confined are the nonsignificant correlations where significance would have been expected. Some of the most interesting of these are listed in Table 14 below:

Table 14. List of Variables Which Might Have Been Expected to Bear Significant Relationships to Financial Variables But Which Did Not Prove to Do So.

Housing Variables

V4	% Single unit shows no relationship to any expenditure variable.
V10	Length of tenure in housing is not significantly related to expenditure levels. General direction: positive
V14	Strangely, housing value does not follow other housing variables in its relationship to expenditure levels, except on operational costs. General direction: negative

Enrollment Variables

V13	High school enrollment as % of total enrollment, (really a measure of age distribution of the school age population and also dropout rate to a lesser extent) also has very low relationship to expenditures per pupil. General direction: Consistently negative--higher proportion high school = lower costs.

Race Variables

V16	The single race variable, % white, bears perhaps the lowest relationship of all census variables to expenditure levels. This is probably due to the extreme skewness in the distribution of this variable.

Education Variables

V17 V30 & V34	% completing less than 8 years of school, percent completing high school, and percent completing college (intercorrelation of the three pairs among the three are relatively lower than expected, -.644, -.356, + .687) bore only quite low relationships to expenditures General direction: Positive on V17; Negative on V30; Negative on V34 — More education is associated with lower expenditures

Mobility Variable

V18	Percent in same house or county in 1955 and 1960 is one of the few variables not to show a consistent relationship with the 8 expenditure variables. Levels are so low as to be meaningless.

Employment Variables

		Intercorrelations	
		V19	V21
V19	Percent of male labor force employed	+.439	
V21	Percent of female labor force employed	+.499	+.580
V24	Percent of total labor force employed		

The above three variables related to level of employment display relatively consistent but low positive relationships to expenditure levels (the few negative correlations are with V21 based on female employment level). This is in sharp contrast with the highly significant relationship between V25 (% of labor force which is male) and the expenditure levels.

V26 Which describes the extent to which married women make up the labor force displays consistent but low positive relationships. That is, more married women in the labor force is associated with higher expenditures.

Income Variables

V27 Total income, carried in the tables only for computational significance is not a ratio variable and therefore not relatable. It does, of course, display a very high correlation with the other non-ratio variable, ADMw, of .988.

V29 Range of income bore only a very low relationship to expenditures.

V32 Family income per capita. This specially coined variable which utilizes the computed value of total family income, bore consistently low negative relationships to expenditures. Its relationship to V28, Median Family Income, was lower than expected, +.459.

Relationships between census variables and financial variables for the total population of districts have been reported in some detail, perhaps beyond their value, for three reasons:

1. There is a strong tradition among those studying Oregon school finance to work with data covering all school districts of the state.
2. As a means of emphasizing the necessity to stratify districts .
3. To provide a comparison base for the correlation analyses on sub-populations of districts.

Let us now turn to an examination of sub-populations of districts.

2. First class districts (N = 81). By eliminating the smaller districts many, indeed, most, of the relationships between census variables and financial variables, 39 and 41 (CX and CCEE) lost all significant relationships (1% level of confidence) to census variables as shown in Table 15. Relationships between census variables and the C Series, expenditures per pupil were largely confined to C100, Administration and C500 Transportation. The best census variable to predict CX is V28 median family income with a coefficient of +.194 at about the 7% level of confidence. As was found in the prior analysis of the total population of districts, housing variables held higher relationships to financial variables than other classes. However, when the analysis was confined to larger districts, two education variables, V30 & V31, emerged as related to certain financial variables. Higher levels of education as measured by percent completing high school (V30) and percent completing college (V31) is quite significantly related to lower expenditures per pupil for Administration(C100) and for Transportation (C500). The skewed distribution of C500 probably accounts for some of this relationship. All variables in the D Series show almost no relationship to census variables except V50 (DX) which is really a negative measure of V50 C500, (Transportation) as evidenced by the intercorrelation of -.830 between the two.

In the analysis of the Total population of 220 districts it was found that V42 Property Tax Base per Pupil (TCVA) held more relationships to C Series variables than the census variables. The same condition prevails for the 81 First Class districts. Only TCVA retains a significant relationship to either of the key C Series variables, CX or CCEE, when the analysis is confined to larger districts.

Table 15. Significant (r=.284)[a] Relationships Between Census Variables and School District Financial Variables:

First Class Districts, N=81

	Expenditure per Pupil Variables (C Series)								
Census Variables	V34 C100	V35 C200	V36 C600	V37 C700	V38 C800	V39 CX	V40 C500	V41 CCEE	V43 C110
Housing									
1	-.323						-.438		
2	-.321						-.457		
3	.429								
4	none								
5	none								
6	none								
7							-.508		
8							.377		
9							.372		
10									
14	-.358						-.374		
15	none								
Enrollment									
11							.319		
12	none								
13	none								
Race									
16	none								
Education									
17	none								
30	-.352						-.406		
31	-.288						-.352		

Table 15. (continued)

Census Variables	V34 C100	V35 C200	V36 C600	V37 C700	V38 C800	V39 CX	V40 C500	V41 CCEE	V43 C110
Mobility									
18	none								
Employment									
19	none								
20	none								
21	none								
24	none								
25	.510								
26	.391		.326		.323		.525		
Age									
22	none								
23	none								
Income									
27							-.310		
28						see text			
29	none								
32	none								
District Independent Variables									
33[b]							-.334		
42			.367		.522	.348	.314		

Table 15. (continued)

	Expenditures in Account Classes as a Percent of CX (D Series)							District Independent Variables	
Census Variables	V44 D100	V45 D200	V46 D600	V47 D700	V48 D800	V49 D110	V50 DX	V33 ADMw[b]	V42 TCVA
Housing									
1	-.285						.449		
2							.432		
3	close								.394
4									
5									
6									.389
7							.495		
8							-.384		
9									
10									
14							.358		
15									
Enrollment									
11							-.291		
12									
13									
Race									
16									
Education									
17									
30							.393		
31							.334		

Table 15. (continued)

Census Variables	V44 D100	V45 D200	V46 D600	V47 D700	V48 D800	V49 D110	V50 DX	V33 ADMw[b]	V42 TCVA
Mobility									
18									
Employment									
19									
20									
21									
24									
25	390	close					-.514	-.379	
26							-.466	-.420	
Age									
22									
23									
Income									
27[b]							.307	.991[b]	
28									
29									
32									
District Independent Variables									
33[b]							.324		
42									

[a] With N = 81 and therefore df = 79, a value of r of ± .284 is required for significance at the 1% level of confidence. A few "close" relationships are noted in the table.

[b] Variables 27 (Total Income) and 33 (ADMw) are not ratio variables.

3. Second and third class districts (N = 102). Just as the separate study of First Class districts constituted a limitation on the effect of size, so also the limitation to districts of the second and third classes also permits this improvement in the analyses. A table similar to Tables 12 and 15 is provided as Table 16 to describe significant relationships between census variables and financial variables.

The pattern of relationships for Second and Third Class districts is more similar to the pattern for all districts than is the pattern for first class districts. This was to be expected from the fact that the Second and Third Class group is somewhat large in terms of numbers of districts. Housing variables continue to prove more related to financial variables than any other group of census variables. Variables 2 and 7 (% all plumbing and median rent) are especially highly related in the negative direction -- that is, less quality in housing is associated with higher school expenditures. Variable 13, percent of total public enrollment which is in high school rather than elementary school emerged as having consistently negative relationship to expenditures. The word negative has been emphasized since it is the reverse of the direction expected. Since costs per student are higher in high schools than in elementary schools it would be expected that districts with higher proportions of students in high school would have higher costs -- a positive relationship. That the reverse is true might be hypothetically attributed to a hunch that dropout rates are higher in small districts where costs are higher but this is not borne out by the fact that the correlation between Variable 13 (% high school) and size of district among Second and Third Class districts is very insignificant (.004).

Table 16. Significant (r = .254) Relationships between Census Variables and School District Financial Variables:

Second and Third Class Districts N = 102

Census Variables	V34 C100	V35 C200	V36 C600	V37 C700	V38 C800	V39 CX	V40 C500	V41 CCEE	V43 C110
Housing									
1	none								
2	-.302		-.256			-.310	-.270	-.341	
3	none								
4	none								
5	none								
6			-.357	-.383		-.298		-.316	
7	-.318	-.286	-.298			-.361	-.351	-.405	
8							.365		
9				.310					
10	none								
14									
15		-.271			-.256	-.264			
Enrollment									
11	none								
12					.302				
13		-.357	-.264		-.481	-.391	-.258	-.409	
Race									
16	none								
Education									
17				-.300					
30	.296		.283						
31								-.273	

Table 16. (continued)

Census Variables	V34 C100	V35 C200	V36 C600	V37 C700	V38 C800	V39 CX	V40 C500	V41 CCEE	V43 C110
Mobility									
18	none								
Employment									
19	none								
20	none								
21	none								
24	none								
25		.254	.351	.284	.330	.346	.276	.374	
26	none								
Age									
22	none								
23	none								
Income									
27^b	-.266	-.269	-.350			-.338	-.337	-.382	
28	-.264								
29	-.255								
32									
District Independent Variables									
33^b	-.356	-.391	-.510	-.299	-.356	-.500	-.310	-.518	
42	.360		.599	.344		.257	.603		

Table 16. (continued)

	Expenditures in Account Classes as a Percent of CX (D Series)							District Independent Variables	
Census Variables	V44 D100	V45 D200	V46 D600	V47 D700	V48 D800	V49 D110	V50 DX	V33 ADMw	V42 TCVA
Housing									
1									
2									
3									
4									
5									
6				-.287					
7									
8							-.340		.294
9				.270					
10									
14								.289	
15									
Enrollment									
11									
12					.407				
13					-.298				
Race									
16									
Education									
17				-.285					
30									.293
31									
Mobility									
18									

Table 16. (continued)

Census	V44	V45	V46	V47	V48	V49	V50	V33^{b}	V42
Variables	D100	D200	D600	D700	D800	D110	DX	ADMw	TCVA
Employment									
19									
20									
21									
24									
25								-.390	.277
26									
Age									
22									
23									
Income									
27^{b}								.625^{b}	
28									
29							-.284		
32			.290						
District Independent Variables									
33^{b}								x	-.302
42	.517	-.687	.673	.277			-.590	-.302	x

[a] With N=102 and therefore df=100, a value of r of ±.254 is required at the 1% level of confidence.

[b] Variables 27 (Total Income) and 33 (ADMw) are not ratio variables.

By far the most striking finding in the relationship analysis of Second and Third Class Districts is the high positive relationship between property tax base per pupil, V42, (TCVA) and expenditures for non-instructional purposes. The "have" districts in terms of tax base per pupil spend it on transportation and operation followed by administration and maintenance but not on instruction (C200). This trend is further demonstrated by the very high negative correlation (-.687) between TCVA and Percent of CX spent for Instruction (D200).

4. Ue districts(N=37). A detailed relationship analysis of these unsatisfactorily organized districts with a mean ADMw of only 67.33 students is not included in this report. The seeker of such an analysis can derive it from Appendix E where all correlation matrices are shown.

5. Unified districts (N=143) and Non-unified districts (N=40). Since these two populations of districts are so heterogeneous in size of district, relationship analysis of each population would suffer from the same problems which affected the analysis of the total population. For example, the mean ADMw of the 143 unified districts is 2,089 but the standard deviation is 6,338 indicating a very extreme variation in size. A superficial scanning of the matrices indicates that the patterns of relationship for these two populations are similar to one another and to the pattern for the total population of districts.

6. The important relationship between property tax base and census measures of income. Each bienniun state school finance apportionments

are debated about the relationship between the measure of ability used in the existing formula (True Cash Value per Pupil, TCVA) and other measures of ability, primarily income. This study presents for the first time in Oregon statewide data on this issue and special attention is at this point given to it.[1]

Table 17 contains the relationships in question for the six populations of districts. There are two formal measures of income available among the census variables, V28 Median Family Income and V32 Family Income per Capita. The literature in estimation of socio-economic class would indicate that probably other variables such as V31 Percent Completing College and V14 Median Housing Value would also measure income to some extent. The range of income variable is also included in the table.

A real relationship just does not exist, and when a hint of a significant relationship appears it is negative. The overall relationship between TCVA and Median Family Income is -.091 and between TCVA and Family Income per Capita it is -.121. If income is the most suitable measure of ability to finance schools it must be concluded that True Cash Value per Pupil is not a good substitute. However, in the Oregon situation, financial support for schools not forthcoming from the state must be raised by property taxes, not income taxes; and so the debate will rage. This study should not enter this arena but is valuable as a source of data on the question.

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[1] This matter is also to be explored in another way and for the entire group of 11 Western States in the writer's forthcoming Bulletin of the Oregon School Study Council entitled "Interrelationships of the Principal Tax Bases for Public School Support in the Counties of the Eleven Western States."

Table 17. Relationships Between True Cash Value per Pupil and Measures of Income Among Populations of Oregon School Districts.

	Populations of Districts					
	All	First Class	Second &Third Class	Ue	Unified	Non-Unified
No. of districts	220	81	102	37	143	40
Correlation between TCVA and:						
28 Median Family Income	-.091	.078	.008	.050	.072	-.253
32 Family Income per Capita	-.121	0.000	.131	.072	-.089	-.070
14 Median Housing Value	.094	-.068	.059	.139	-.051	-.415
31 Percent Completing College	.090	-.058	.160	.174	-.039	.046
29 Interquartile Range of Median Family Income	.034	.022	.242	.033	.089	.437
Value of r required for significance: (±)						
1% level	.174	.281	.252	.408	.214	.393
5% level	.133	.216	.193	.313	.163	.304

7. Summary of the relationship analysis. The most obvious finding of the relationship analysis is that there are few significant relationships between census variables and district financial variables. Within this condition the key findings are listed below:

a. Housing variables are more closely related to financial variables than other census variables.

b. Race, mobility and age variables exhibit a very consistent lack of relationship.

c. Income and educational attainment provide a fairly profitable source of relationship between census variables and financial variables.

d. The fact that size of district affects costs to some extent makes it clear that analysis of separate populations of large and small districts is appropriate.

e. Census variables are more often related to expenditures in smaller account classes than in larger ones. Expenditures per pupil for Administration, Operation and Maintenance bear more relationship to census variables than does the most important account class, Instruction or do the overall measures of CX and CCEE.

f. The relationships tell us that the following associations may be said to be generally true:

(1) Lower housing standards are associated with higher expenpenditures per pupil in other than first class districts.

(2) Strangely, the percent of the labor force which is male stands out in all populations of districts as having a positive relationship to expenditure levels.

(3) Median family income seems to bear a negative relationship to expenditure levels in most account classes. The relatively high positive correlation between income and size of district (.236) suggests however that this finding may be caused by the size of district effect on expenditure levels.

(4) Expenditures for Administration C100 and D100 appear more often with significant relationship than do other account

> classes suggesting that this segment of school finance is more sensitive than others to the characteristics of the population.

B. Other Relationships

Correlations of each census variable with the other census variables and of each district finance variable with the other finance variables are shown in the matrices which comprise Appendix E. These findings are not explored in depth here because they are not the central focus of the study.

1. Relationships among census variables. Aside from the anticipated close relationships among variables in each of the 8 census variable categories (housing, enrollment, race, etc., see Table 5) some categories were interestingly related with variables in other categories. Correlation coefficients between census variables of ± .500 or higher were tabulated with the following results by category of census variables.

a. Housing (12 Variables)
  (1) Poor housing is often related to low completion of education.
  (2) Older housing with low mobility.
  (3) Older and poorer housing with low income.
b. Enrollment (3 Variables)
  No highly significant relationships outside the category
c. Race (1 Variable)
  No highly significant relationships
d. Education (3 Variables)
  (1) Many significant relationships with housing. Poor and older housing associated with less school completed by the population.
  (2) High education is related to high percentage of the labor force which is male.
  (3) High educational attainment is closely related to high income.

e. Mobility (1 Variable)
   (1) Low mobility is related to older housing
f. Employment (6 Variables)
   (1) A singular lack of significant relationships, except:
   (2) High proportion of men in the labor force is associated with higher educational attainment
g. Age (2 Variables)
   (1) Only the interquartile range (IQR) of age is related to any other category. Very high (+.829) relationship between age and age IQR.
   (2) High range of age is systematically associated with older housing and lower mobility
h. Income (4 Variables)
   (1) High income is associated with better and newer housing
   (2) High income is related to higher educational attainment

The statements in the numbered points above are based only on correlation coefficients above ± .500 in order to confine the statements to highly significant findings; they are also based on only the total populations of districts.

2. Relationships among district finance variables. The 18 district financial variables were as expected found to be more closely interrelated than were the census variables since some are totals of other separate variables and the D series must be interrelated since they must total to 100% of CX. A listing of relationships for the total population of 220 districts above ± .500 follows.

a. District Independent Variables (ADMw and TCVA)
   (1) Only one relationship, high TCVA with high per pupil fixed charges.
b. Expenditures per pupil variables (9 Variables)
   (1) High per pupil expenditures for Administration associated only with a high percentage of CX for administration
   (2) High per pupil expenditures for Instruction obviously very highly related to high CX and CCEE and also with low percentages for all other expenditure classifications

- (3) High per pupil expenditures for operation associated with high fixed charges and high CX and CCEE
- (4) Each of three per pupil expenditure variables (Administration, Instruction and Maintenance positively associated with its corresponding percentage of CX variable

c. Percentage of CX Variables
- (1) Most D series variables interrelated as expected

APPENDIX A. List of School Districts, Type and Class, and Their Related Census Units.

School District						Census Units
Co. No.	Dist. No.	Name				Unit ID Numbers[a]
01	005	Baker	U	1	3	01065, 02, 07
	016	Huntington	U	2	1	06
	030	Hereford-Unity	U	2	1	05
	061	Pine-Eagle	U	2	2	03, 04
02	007	Alsea	U	2	1	01
	017	Philomath	U	1	2	02, 07
	509	Corvallis	U	1	4	03, 03225, 04, 08
	701	Monroe	UH	3	1	05
03	003	West Linn	U	1	4	05, 06, 07, 27
	007	Lake Oswego	U	1	4	01, 02, 03, 04
	053	Colton	U	2	2	36, 41
	062	Oregon City	U	1	4	23, 24, 25, 26
	115	Gladstone	U	1	3	17, 19, 20
	701	Canby	UH	2	4	28, 29, 30, 38
	702	Sandy	UH	2	2	34,43
	704	Mollala	UH	2	3	37, 39, 40
	705	Milwaukie	UH	1	14	08, 09, 10, 11, 12, 13, 14 15, 16, 18, 19, 20, 21, 22
	706	Estacada	UH	2	3	31, 35, 42
04	001	Astoria	U	1	2	01045,09
	004	Knappa	U	2	1	04
	005	Lewis & Clark	Ue	2	1	05
	008	Jewell	U	3	1	08
	011	Olney	Ue	3	1	06
	030	Warrenton	U	2	1	02
	701	Seaside	UH	2	3	02, 07035, 08
05	047	Vernonia	U	2	1	08
	502	St. Helens	U	1	2	02, 07995
	703	Rainier	UH	3	2	03, 05
	704	Scappoose	UH	2	2	06, 09
	705	Clatskanie	UH	3	2	01, 04
06	008	Coquille	U	1	2	05, 05215
	009	Coos Bay	U	1	5	02, 03, 04210, 06, 07340
	013	North Bend	U	1	2	10, 11830
	031	Powers	U	2	1	12
	041	Myrtle Point	U	1	3	08, 08810, 09
	054	Bandon	U	1	1	01
07	600	Crook County Unit	U	1	4	01, 02, 02930, 03

APPENDIX A. (Cont.)

08	002	Port Orford-Langlois	U	1	1	05
	004	Agness-Illahee	Ue	3	1	01
	012	Ophir	U	2	1	03
	017	Brookings Harbor	U	1	2	02, 02120
	023	Upper Chetco	Ue	3	1	04
	701	Gold Beach	UH	3	2	02, 03
09	001	Bend	U	1	3	01100, 02, 04
	006	Sisters	U	2	1	04
	015	Brothers	Ue	3	1	04
	701	Redmond	UH	2	3	03, 03945, 05
10	001	Oakland	U	2	1	01
	004	Roseburg	U	1	9	02, 05, 06, 10, 10085, 11980, 14, 15, 15085
	008	Canyonville	U	2	1	07
	012	Glide	U	1	1	08
	015	Days Creek	U	2	1	12
	019	Myrtle Creek	U	1	1	07
	021	Camas Valley	U	2	1	13
	022	Drain	U	1	1	03
	032	Yoncalla	U	2	1	04
	034	Elkton	U	2	1	04
	045	Umpqua	Ue	3	1	06
	070	Riddle	U	2	1	07
	077	Glendale	U	2	1	12
	116	Winston-Dillard	U	1	1	13
	125	Ash Valley	Ue	3	1	09
	130	Sutherlin	U	1	1	01
	713	Reedsport	UH	2	2	09, 09950
11	003	Arlington	U	2	1	01
	025	Condon	U	2	1	02
12	004	Prairie City	U	2	1	03
	006	Mt. Vernon	U	2	1	01
	008	Monument	U	3	1	02
	016	Dayville	U	3	1	01
	017	Long Creek	U	3	1	02
	703	Grant	UH	3	2	01, 04
13	701	Crane	UH	3	2	02, 03
	702	Burns	UH	2	3	01, 01135, 02
14	001	Hood River County	U	1	6	01, 02, 03, 03530, 04, 05
15	004	Phoenix	U	1	2	11, 15
	005	Ashland	U	1	3	07, 02, 02040
	006	Central Point	U	1	1	04
	009	Eagle Point	U	1	3	03,13, 14
	035	Rogue River	U	2	1	05
	040	Applegate	Ue	3	1	01
	059	Prospect	U	2	1	12

APPENDIX A. (Cont.)

	062	Evans Valley	Ue	2	1	05
	091	Butte Falls	U	2	1	03
	094	Pinehurst	Ue	3	1	07
	549	Medford	U	1	6	01, 06, 08, 09, 09720, 10
16	004	Culver	U	2	1	02
	008	Ashwood	Ue	3	1	01
	041	Black Butte	Ue	3	1	03
	509	Madras	U	1	3	04, 05, and 04 in Warco County
17	007	Grants Pass	U	1	2	05455, 06
	600	Josephine C U	U	1	7	01, 02, 03, 04, 07, 08, 09
18	600	Klamath C U	U	1	7	01, 04, 05, 06, 07, 08, 09
	702	Klamath Falls	UH	1	4	02, 02020, 03620, 10
19	005	Union	Ue	3	1	01
	007	Lakeview	U	1	3	01, 01635, 04
	011	Paisley	U	3	1	03
	014	Silver Lake	Ue	3	1	02
	018	Plush	Ue	3	1	04
	021	Adel	Ue	3	1	04
	024	Fort Rock	Ue	3	1	02
	025	Ana River	Ue	3	1	03
	041	Vernon	Ue	3	1	01
20	001	Pleasant Hill	U	1	1	13
	004	Eugene	U	1	10	01, 02, 04, 06, 11001, 11002, 11003, 11004, 19, 22
	019	Springfield	U	1	3	17, 27085, 30
	028	Fern Ridge	U	1	2	10, 29
	032	Mapleton	U	2	1	18
	040	Creswell	U	1	2	08, 12
	045	South Lane	U	1	2	05, 07230, 09
	052	Bethel	U	1	2	04, 24
	066	Crow-Applegate	U	2	2	26, 28
	068	McKenzie	U	1	1	16
	069	Junction City	U	1	2	03, 14
	071	Lowell	U	2	1	15
	076	Oakridge	U	1	2	21, 23
	079	Marcola	U	2	1	17
	090	Beachly	U	2	1	03
	097	Florence	U	1	2	20, 25
	117	Westfir	U	2	1	21
21	600	Lincoln C U	U	1	9	01, 01825, 02, 03, 04, 05, 06 06140. 07
22	095	Scio	U	2	1	11
	124	Lourdes	Ue	3	1	09
	129	Mill City	U	2	1	09
	552	Central Linn	U	1	2	02, 15
	701	Lebanon	UH	1	5	07, 08640, 10, 12, 16
	702	Sweet Home	UH	1	5	03, 10, 13, 14120, 17

Data for Klamath County are probably useless because of the unusual form of district organization which exists there

APPENDIX A. (Cont.)

	705	Harrisburg	UH	3	1	06
	708	Albany	UH	1	6	01, 01010, 04, 05, 15, and 06 in Benton County
23	002	Rockville	Ue	3	1	04
	008	Ontario	U	1	4	03, 06, 08, 08865
	011	Buelah	Ue	3	1	05
	026	Nyssa	U	1	2	07, 07845
	029	Annex	Ue	2	1	03
	061	Adrian	U	2	2	01, 09
	066	Harper	U	3	1	05
	081	Arock	Ue	3	1	04
	701	Jordan Valley	UH	3	1	04
	703	Vale	UH	2	3	02, 10, 11
24	014	Jefferson	U	2	1	08
	015	North Marion	U	1	1	07
	024	Salem	U	1	17	01, 03, 03395, 05500, 09, 09615, 12, 14, 14501, 14502, 14503, 14504, 14505, 14506, 14507, 15, 15010
	045	St. Paul	U	2	1	13
	050	Pratum	Ue	3	1	06
	103	Woodburn	U	1	2	21, 21240
	123	Detroit	U	2	1	10
	701	Gervais	UH	3	4	01, 02, 04, 13
	704	Stayton	UH	1	2	19, and 09 in Linn County
	705	Cascade	UH	2	2	08, 20
	707	Silverton	UH	1	5	06, 11, 16060, 17, 18
25	001	Morrow C U	U	1	3	01, 02, 03
26	001	Portland	U	1	108	01, 02, 03A, 03B, 04A, 04B, 05A, 05B, 07A, 07B, 08A, 08B, 08A, 09B, 10, 11A, 11B, 12A, 12B, 13, 14 15, 16A, 17A, 18, 19, 20, 21, 22A, 22B, 23A, 23B, 24A, 24B, 25A, 25B, 26, 27A, 27B, 28A, 28B, 29A, 29B, 29C, 30, 31, 32, 33A, 33B, 34A, 34B, 35A, 35B, 36A, 36B, 36C, 37, 38A, 38B, 38C, 39A, 39B. 40A, 40B, 41A, 41B, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 64, 65, 66, 67, 68, 69, 70, 71, 72, 74, 75, 76, 86, 87, 88, 93, 94, 95, 96, 100, 101
	003	Parkrose	U	1	5	73, 77, 78, 79, 80
	007	Reynolds	U	1	2	102, 103
	039	Corbett	U	2	1	105
	040	David Douglas	U	1	9	06A, 06B, 16B, 17B, 81, 82, 83, 84, 85
	046	Bonneville	Ue	3	1	105
	051	Riverdale	Ue	2	1	63
	702	Gresham	UH	1	10	89, 90, 91, 92, 97, 98, 99, 104 and 32, 33 in Clackamas County

APPENDIX A. (Cont.)

27	002	Dallas	U	1	3	01, 01250, 02
	013	Central	U	1	4	03, 04, 05, 06508
	021	Perrydale	U	3	1	01
	034	Buell	Ue	3	1	08
	036	Popcorn	Ue	3	1	07
	057	Falls City	U	2	1	02
	062	Valsetz	U	2	1	02
28	700	Sherman C H	UH	3	2	05, 05135
29	009	Tallamook	U	1	2	05, 05135
	056	Neah-Kah-Nie	U	1	2	01, 03
	703	Nestucca	UH	3	2	02, 04
30	001	Helix	U	3	1	04
	002	Pilot Rock	U	2	2	07, 10
	005	Echo	U	2	1	07
	006	Umatilla	U	2	1	12
	008	Hermiston	U	1	2	03, 03515
	013	Umapine	U	3	1	01
	016	Pendleton	U	1	4	04, 06885, 07, 08
	019	Weston	U	2	1	14
	061	Stanfield	U	2	1	09
	080	Ukiah	U	3	1	10
	703	Milton-Freewater	UH	2	4	02, 05745, 11, 13
31	001	LaGrande	U	1	3	03, 04630, 05
	005	Union	U	2	1	06
	008	North Powder	U	2	1	06
	011	Imbler	U	2	1	01
	015	Cove	U	2	1	01
	023	Elgin	U	2	1	02
32	006	Joseph	U	2	1	04
	007	Lostine	U	3	2	01, 02
	011	The Bridge	Ue	3	1	03
	018	Lewis	Ue	3	1	03
	021	Enterprise	U	2	3	01, 02, 03
	025	The Park	Ue	3	1	03
	032	Flora	Ue	3	1	02
	038	Promise	Ue	3	1	05
	054	Troy	Ue	3	1	02
	058	Eden	Ue	3	1	02
33	009	Chenoweth	U	1	1	03
	012	The Dalles	U	1	2	03, 03255
	014	Petersburg	Ue	2	1	02
	029	Dufur	U	2	1	02
	050	Antelope	Ue	3	1	01
	701	Manpin	UH	3	2	01, 02
34	013	Banks	U	1	2	34, 35
	048	Beaverton	U	1	14	01, 02, 03, 04, 05, 10, 11, 12, 13, 14, 15, 16, 17, 18

APPENDIX A. (Cont.)

34	702	Tigard	UH	1	6	06, 07, 08, 09, 19, 20
	703	Hillsboro	UH	1	7	23, 24, 25, 26, 27, 28, 30
	705	Forest Grove	UH	1	5	29, 31, 32, 33, 36
	706	Gaston	UH	3	1	36
	709	Sherwood	UH	3	2	21, 22
35	001	Spray	U	3	1	02
	021	Fossil	U	2	1	01
	055	Mitchell	U	3	1	02
36	008	Dayton	U	2	1	04
	029	Newburg	U	1	3	03, 05, 07820
	040	McMinnville	U	1	2	06, 06675
	048	Sheridan	U	2	1	08
	701	Yamhill-Carlton	UH	3	2	02, 10
	705	Amity	UH	3	3	01, 04, and 07 in Polk County
	707	Willamina	UH	3	2	09, and 08 in Polk County

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[a] County ID Numbers of census units are omitted to avoid excessive detail. In the few cases where census units of one county are related to a school district in another county, this fact is clearly indicated. Units are Census County Divisions except in metropolitan counties 3, 26, and 34 where they are Census Tracts.

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14
1 5	3390	3154	797	613	191	4379	89	3836	746	427	3203	2829	1127	38
1 16	267	237	95	65	37	393	8	335	47	66	295	236	123	5
1 30	152	137	134	61	71	392		392	55	53	278	134	90	7
1 61	916	818	286	157	99	1271	259	961	432	118	715	778	329	4
2 7	247	219	48	30	6	321	8	313	86	75	144	174	74	2
2 17	856	811	471	359	124	1454	73	1357	377	339	734	986	360	4
2509	7485	7283	1029	927	179	8654	277	6590	3136	1746	3799	4696	3466	107
2701	415	367	179	121	70	686	28	640	97	165	413	429	179	3
3 3	2734	2675	356	314	124	3214	28	3049	1146	676	1392	2518	447	62
3 7	3846	3825	277	257	73	4196	4	4039	2021	953	1211	3233	687	79
3 53	663	577	330	189	147	1140	12	1129	239	212	689	746	160	12
3 62	3470	3352	578	483	161	4209	36	3816	709	795	2705	2768	1145	33
3115	2559	2130	338	318	98	2995	131	2869	950	977	1068	1953	500	21
3701	2301	2114	630	446	154	3085	41	2980	674	547	1864	2193	528	15
3702	2430	1942	1070	646	691	4191	57	4108	742	1246	2203	1518	508	36
3704	1449	1348	351	244	90	1890	40	1871	373	468	1049	1335	383	19
3705	12075	11520	1112	1036	527	13714	530	12897	5500	3397	4816	9939	2637	138
3706	1540	1370	352	196	143	2035	82	2031	454	491	1090	1320	390	21
4 1	4070	3888	972	747	360	5455	56	3756	523	1180	3710	2777	1794	38
4 4	409	332	115	75	51	579	4	575	46	87	449	246	180	10
4 5	562	555	101	91	29	692	4	657	114	186	383	502	132	8
4 8	150	116	66	34	36	235		235	54	28	170	119	53	3
4 11	225	212	31	18	15	208	3	205	42	59	124	173	31	5
4 30	1296	1269	358	315	105	1760	8	1703	225	461	1076	1002	300	37
4701	3903	3831	1031	948	266	5223	16	4907	761	1236	3240	2459	982	96
5 47	737	676	190	153	33	982	4	958	83	117	782	614	165	19
5502	1973	1882	351	285	55	2376	11	2167	297	455	1614	1549	624	31
5703	986	913	232	144	171	1393	8	1238	229	244	917	926	244	12
5704	1381	1345	369	302	194	1925	27	1875	470	521	926	1400	378	13
5705	938	826	238	166	159	1331	4	1281	107	238	1007	853	268	18
6 8	2055	1990	518	460	194	2802	69	2381	839	432	1520	1674	903	21
6 9	5808	5481	1595	1310	552	7844	221	6517	2630	1584	3612	4895	2390	79
6 13	2870	2690	602	458	180	3714	52	2923	1226	997	1494	2172	1016	36
6 31	321	277	154	122	112	622	97	453	203	78	319	323	234	2
6 41	1354	1265	496	357	182	2039	67	1799	576	346	1136	1183	664	10
6 54	765	730	494	405	237	1468	41	1403	502	359	636	936	366	17
7600	2173	2037	808	613	252	3233	97	2848	996	1086	1151	1894	957	26
8 2	825	765	187	159	107	1102	92	916	536	225	352	717	335	8
8 4	99	89	17	4	2	126	4	122	25	26	78	31	29	
8 12	1300	1188	196	135	58	1572	230	1090	864	284	411	934	523	12
8 17	860	836	281	208	99	1262	48	1073	678	251	328	778	348	14
8 23	546	508	88	47	10	613	85	501	294	166	157	441	147	7
8701	1532	1401	307	188	75	1954	267	1426	1038	380	518	1183	587	14
9 1	4538	4260	1088	861	422	6025	106	5489	1101	1121	3806	3820	1410	71
9 6	526	395	184	80	103	802	25	757	211	111	470	345	172	3
9 15	526	395	184	80	103	802	25	757	211	111	470	345	172	3
9701	2091	1885	267	137	66	2447	63	2097	664	757	1029	1521	631	16
10 1	1493	1363	505	380	188	2138	44	1526	703	746	692	1361	620	16
10 4	8197	7774	1261	1065	407	9887	475	8463	4053	2743	3107	6425	2800	48
10 8	2410	2242	679	479	230	3319	128	2989	1539	1070	727	2062	894	27
10 12	747	671	155	91	43	951	102	816	506	229	201	523	314	4
10 15	832	730	366	216	91	1298	37	1184	321	443	544	683	411	9
10 19	2410	2242	679	479	230	3319	128	2989	1539	1070	727	2062	894	27
10 21	492	435	179	85	63	714	24	660	191	311	218	478	197	8
10 22	764	708	176	126	27	982	12	931	348	212	402	582	261	6

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14
10 32	474	456	230	188	108	789	4	755	248	156	393	530	201	4
10 34	474	456	230	188	108	789	4	755	248	156	393	530	201	4
10 45	222	212	125	105	167	512	16	496	201	72	247	397	85	4
10 70	2410	2242	679	479	230	3319	128	2989	1539	1070	727	2062	894	27
10 77	832	730	366	216	91	1298	37	1184	321	443	544	683	411	9
10116	492	435	179	85	63	714	24	660	191	311	218	478	197	8
10125	614	574	266	224	114	1033	40	839	282	288	438	445	244	2
10130	1493	1363	505	380	188	2138	44	1526	703	746	692	1361	620	16
10713	1448	1360	397	332	276	2160	77	1714	622	583	930	1080	553	15
11 3	143	132	127	107	173	457	28	300	80	79	292	158	204	1
11 25	437	397	209	166	97	729	8	666	146	85	504	345	256	3
12 4	405	349	228	126	130	804	18	750	94	172	507	262	268	
12 6	1174	1123	174	108	76	1387	60	1186	412	349	653	862	434	12
12 8	312	231	123	45	8	433	4	388	60	72	308	232	104	
12 16	1174	1123	174	108	76	1387	60	1186	412	349	653	862	434	12
12 17	312	231	123	45	8	433	4	388	60	72	308	232	104	
12703	1300	1239	297	201	107	1673	71	1425	453	414	830	995	539	12
13701	400	305	112	33	27	520	14	493	133	61	324	247	162	2
13702	1443	1321	449	380	183	2087	51	1805	498	368	1217	1126	696	7
14 1	4584	3267	1573	675	319	6476	60	5770	1310	1333	3833	2822	1414	28
15 4	1263	1200	293	231	68	1601	152	1383	575	452	597	1141	365	17
15 5	3434	3273	793	690	169	4359	121	3541	1024	880	2448	2723	1186	66
15 6	1825	1755	581	498	338	2735	108	2543	1326	720	699	1977	546	23
15 9	1577	1374	522	302	129	2252	76	2045	751	661	819	1352	464	41
15 35	589	551	425	321	85	1134	28	1062	289	276	536	744	192	12
15 40	400	306	91	29	78	553	4	535	182	97	285	334	94	2
15 59	377	268	128	58	10	543	24	501	125	222	210	188	185	5
15 62	589	551	425	321	85	1134	28	1062	289	276	536	744	192	12
15 91	298	213	178	102	58	528	16	490	149	100	300	278	106	17
15 94	70	48	22	7	26	111		111	4	16	93	43	37	19
15549	10584	10249	2169	1707	743	13478	215	11790	4282	3113	6097	8412	3936	200
16 4	650	606	127	77	96	896	62	697	273	461	162	488	236	2
16 8	145	108	21	3		159	5	150	47	28	86	84	29	
16 41	144	127	16	11	3	178	4	164	39	24	108	30	13	
16509	1150	988	237	70	52	1415	94	1290	551	505	366	697	513	8
17 7	4514	4373	791	610	187	5456	139	4675	1765	1282	2418	3560	1463	39
17600	4207	3770	1064	565	296	5603	213	5184	1811	1878	1905	3782	1011	67
18600	3778	3196	1008	581	207	4997	145	4497	1123	1236	2635	2459	1340	45
18702	9383	8930	1940	1609	626	11945	219	9224	2377	2636	6935	6728	4184	121
19 5	523	463	257	179	184	1004	31	959	191	218	585	549	183	4
19 7	1567	1419	499	359	265	2369	80	2062	518	419	1424	1257	645	14
19 11	152	118	178	50	31	326	8	302	41	12	274	117	102	1
19 14	109	80	40	12	49	195	28	161	51	26	125	80	58	
19 18	107	72	43	21	22	170	13	157	58	20	94	59	66	
19 21	107	72	43	21	22	170	13	157	58	20	94	59	66	
19 24	109	80	40	12	49	195	28	161	51	26	125	80	58	
19 25	152	118	178	50	31	326	8	302	41	12	274	117	102	1
19 41	523	463	257	179	184	1004	31	959	191	218	585	549	183	4
20 1	969	901	139	102	54	1135	33	1083	414	348	416	874	225	6
20 4	20943	20297	2819	2380	647	24368	228	19405	8715	6423	9230	15124	8244	199
20 19	7528	7364	1385	1213	345	9223	341	8452	3435	3502	2314	6509	2170	140
20 28	1061	878	291	153	177	1519	44	1426	420	473	647	1154	291	9
20 32	464	421	256	201	129	761	44	644	271	262	261	447	340	4
20 40	1549	1438	436	342	151	2120	263	1736	678	674	775	1504	505	17
20 45	2987	2835	447	325	136	3620	84	3366	849	1027	1698	2375	934	34

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
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ID	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14
20 52	2062	2006	355	277	70	2465	54	2378	1023	809	646	1879	472	34
20 66	667	548	168	76	34	868	24	844	312	246	290	622	144	17
20 68	218	211	160	141	19	399	56	302	138	145	119	159	140	1
20 69	1531	1438	310	205	75	1959	48	1811	507	413	981	1289	464	14
20 71	660	580	143	81	21	815	36	732	315	263	270	514	204	4
20 76	1585	1528	205	165	47	1905	182	1515	876	529	454	988	683	20
20 79	1328	1251	284	220	101	1683	154	1514	513	446	754	1161	344	10
20 90	404	357	177	120	43	647	4	628	154	136	344	395	148	6
20 97	1271	1186	503	364	127	1927	61	1747	802	616	512	1138	505	13
20117	1561	1516	205	165	47	1873	182	1489	876	529	426	986	662	20
21600	7814	7429	2065	1720	501	10380	301	9423	2941	3043	4396	5648	2479	144
22 95	624	563	110	61	103	839	8	816	271	109	461	566	141	11
22124	459	450	342	318	87	889		868	218	234	441	593	182	15
22129	459	450	342	318	87	889		868	218	234	441	593	182	15
22552	1266	1176	343	284	97	1704	12	1603	252	269	1158	1159	365	20
22701	4443	4247	722	509	112	5211	60	4951	1680	1703	1886	3676	1175	65
22702	2771	2507	742	437	244	3823	44	3734	990	1844	952	2349	832	48
22705	542	498	80	50	5	628	8	600	105	81	430	409	175	8
22708	6349	6230	1353	1218	245	7897	154	7077	2567	1902	3471	5336	2107	99
23 2	283	175	83	22	12	391	8	375	59	73	251	160	96	
23 8	3024	2674	354	166	125	3525	102	3035	843	1097	1585	2026	1008	22
23 11	257	172	59	12	39	382	19	363	130	71	157	187	70	
23 26	1079	874	232	143	39	1350	27	1250	273	401	684	728	389	11
23 29	517	392	39	6	3	563	4	519	78	217	274	318	118	1
23 61	641	528	157	51	33	803	23	776	173	207	433	447	228	3
23 66	257	172	59	12	39	382	19	363	130	71	157	187	70	
23 81	283	175	83	22	12	391	8	375	59	73	251	160	96	
23701	283	175	83	22	12	391	8	375	59	73	251	160	96	
23703	1185	946	302	183	149	1602	24	1470	374	438	804	948	369	13
24 14	889	829	434	291	600	1989	40	1850	767	344	874	961	343	1
24 15	734	691	270	210	93	1071	12	1033	168	167	767	749	210	11
24 24	25067	21540	2733	8384	5787	25748	420	21982	8821	5923	11007	16658	7131	355
24 45	269	259	82	51	100	464	5	379	88	83	301	240	149	3
24 50	483	466	70	51	31	599		595	107	112	363	420	105	5
24103	1133	1102	361	313	224	1702	20	1618	356	297	1054	1226	374	15
24123	487	390	321	200	90	915	16	890	281	242	376	322	187	10
24701	5479	2326	320	6220	5166	3126	75	2929	1019	827	1303	2138	650	36
24704	1687	1643	574	481	671	2974	28	2809	1042	717	1184	1709	455	18
24705	1484	1409	539	380	729	2751	51	2586	999	486	1269	1514	486	23
24707	2991	2811	886	689	297	4160	16	3895	708	569	2876	2877	737	26
25 1	1216	1159	377	289	185	1778	51	1569	340	273	1165	973	501	24
26 1	34674	27797	17994	13759	4623	57291	954	13994	26820	23546	68909	38445	4320	1353
26 3	4972	4937	419	369	74	5465	116	5052	1937	1684	1844	4023	1140	33
26 7	712	684	119	87	46	877	5	827	148	352	377	499	282	3
26 39	586	568	163	134	74	823	27	786	141	173	509	461	261	4
26 40	11585	11466	1182	1120	348	13115	244	12897	5731	3218	4166	10237	2345	148
26 46	586	568	163	134	74	823	27	786	141	173	509	461	261	4
26 51	871	868	53	52	30	954		915	278	224	449	762	151	9
26702	9973	9754	1387	1097	989	12349	519	12036	6007	2986	3354	9324	1953	202
27 2	2439	2365	861	756	516	3773	36	3527	697	794	2328	2475	915	48
27 13	3207	3057	753	591	441	4431	62	3713	1107	950	2335	2519	1131	51
27 21	896	870	234	182	78	1214	4	1205	313	219	688	901	162	13
27 34	358	347	275	227	92	746	3	727	104	235	387	445	169	6
27 36	468	465	60	54	56	576	4	572	221	108	260	442	96	13
27 57	131	126	333	306	315	730	8	709	109	160	501	391	267	5

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
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ID	V1	V2	V3	V4	V5	V6	V7	V8	V9	V10	V11	V12	V13	V14
27 62	131	126	333	306	315	730	8	709	109	160	501	391	267	5
28700	592	576	275	239	18	885	83	769	151	53	681	436	341	7
29 9	2370	2280	676	612	163	3244	96	2756	721	857	1626	1826	916	45
29 56	1828	1759	802	708	358	2948	28	2783	585	609	1791	1488	512	45
29703	1162	1091	376	262	95	1638	20	1578	417	438	786	743	311	11
30 1	415	380	158	124	92	646	20	622	134	97	390	324	249	2
30 2	1533	1283	167	68	37	1701	52	1574	595	275	865	893	455	21
30 5	1080	1033	69	45	16	1146	48	1039	483	203	487	723	328	21
30 6	503	493	341	327	37	901	21	775	186	539	197	287	199	16
30 8	2057	1952	204	144	96	2405	52	2271	939	931	499	1496	626	35
30 13	561	488	87	62	43	693	37	646	171	71	437	365	202	3
30 16	5672	5369	1108	828	228	6997	173	5342	1977	1295	3734	3649	2659	89
30 19	347	298	129	70	60	510	20	486	83	111	341	244	92	3
30 61	624	548	66	40	3	683	8	651	188	146	353	456	171	8
30 80	453	250	98	23	21	555	4	535	112	72	378	170	127	
30703	2290	2085	529	357	225	3038	77	2865	485	680	1857	1828	751	28
31 1	3241	2993	799	667	173	4193	96	3317	520	312	3378	2596	1222	31
31 5	689	616	241	155	43	996	20	901	130	72	775	628	220	14
31 8	689	616	241	155	43	996	20	901	130	72	775	628	220	14
31 11	165	162	242	197	13	422	4	418	28	24	370	294	92	1
31 15	165	162	242	197	13	422	4	418	28	24	370	294	92	1
31 23	463	420	294	192	127	879	8	793	121	174	586	556	191	6
32 6	606	546	66	35	19	694	4	678	183	99	418	366	115	6
32 7	903	835	159	124	99	1177	24	1060	252	94	836	670	275	2
32 11	83	49	43	18	49	191	16	175	46	21	116	64	38	
32 18	83	49	43	18	49	191	16	175	46	21	116	64	38	
32 21	986	884	202	142	148	1368	40	1235	298	115	952	734	313	2
32 25	83	49	43	18	49	191	16	175	46	21	116	64	38	
32 32	47	33	41	25	51	153	4	149	24	4	123	66	23	
32 38	506	438	276	180	33	780	24	723	166	103	508	502	191	6
32 54	47	33	41	25	51	153	4	149	24	4	123	66	23	
32 58	47	33	41	25	51	153	4	149	24	4	123	66	23	
33 9	1392	1236	417	305	21	2069	251	1703	954	373	718	1295	419	21
33 12	4053	3869	1122	934	493	5713	288	4549	2109	839	2741	3440	1647	38
33 14	810	698	373	224	96	1239	51	1163	283	194	784	594	397	9
33 29	810	698	373	224	96	1239	51	1163	283	194	784	594	397	9
33 50	152	115	67	23	29	236	22	214	24	18	194	70	77	
33701	962	813	440	247	125	1475	73	1377	307	212	978	664	474	9
34 13	462	384	368	186	178	1008	11	1008	134	264	610	556	208	11
34 48	12176	12106	608	552	311	13095	195	12241	7098	3446	2548	10211	2043	282
34702	3172	3129	307	276	116	3595	95	3509	1280	1109	1212	2778	564	60
34703	5171	4895	1284	815	508	6963	93	6676	1958	1711	3285	4588	1565	78
34705	2750	2717	953	884	311	4014	54	3576	961	975	2072	2674	1018	30
34706	211	209	219	195	94	524	4	524	72	122	330	354	100	5
34709	1016	953	217	165	88	1321	23	1316	258	289	774	951	234	16
35 1	260	218	121	62	34	394	28	351	123	69	201	202	122	1
35 21	381	352	160	118	31	593	23	520	84	115	395	182	316	3
35 55	260	218	121	62	34	394	28	351	123	69	201	202	122	1
36 8	851	817	340	268	55	1232	8	1168	137	280	814	836	279	8
36 29	2537	2459	497	365	101	3140	26	2965	564	578	1988	2219	634	38
36 40	2419	2399	669	636	157	3246	65	2938	797	764	1687	2055	931	55
36 48	788	767	263	209	27	1067	8	1049	185	257	631	658	263	32
36701	959	904	313	225	41	1313	10	1272	136	237	938	900	228	19
36705	1752	1687	669	456	228	2629	16	2542	426	516	1716	1694	537	27
36707	834	791	426	307	126	1424	23	1379	185	452	755	853	323	10

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V15	V16	V17	V18	V19	V20	V21	V22	V23	V24	V25	V26	V27	V28
1 5	104	280	1376	910	1158	539	2335	611	807	556	170	102	89	1025
1 16	8	27	136	93	104	33	155	93	42	12		8		98
1 30	25	101	78	42	57	27	52	28	24					58
1 61	8	182	435	289	234	135	208	114	80	14				279
2 7	8	43	98	68	76	24	72	44	20	8				56
2 17	28	73	524	327	375	143	585	152	251	116	45	13	8	329
2509	263	161	4229	1857	1619	433	3970	95	856	1387	932	396	304	3392
2701	13	40	172	137	207	76	172	85	75	12				132
3 3	42	145	855	761	998	351	2005	135	563	570	353	200	184	412
3 7	63	134	1295	1286	1066	273	3145	76	367	699	786	446	771	685
3 53	8	214	265	219	314	108	238	81	116	27	7		7	131
3 62	85	178	1196	866	1335	516	2332	292	1074	645	204	73	44	1117
3115	30	491	855	611	807	180	1740	86	555	685	254	84	76	501
3701	30	319	622	624	1068	407	932	78	410	293	95	35	21	467
3702	57	2072	663	504	660	199	847	239	340	192	56	12	8	480
3704	40	113	504	397	629	188	698	195	315	112	48	16	12	377
3705	187	813	4427	3425	3593	1131	8910	479	2619	3100	1617	576	519	2612
3706	43	261	547	395	589	179	558	130	269	116	29		14	345
4 1	488	305	1479	890	1372	820	2422	527	930	618	210	87	50	1782
4 4	48	91	145	65	147	89	159	95	45	19				183
4 5	22	28	132	146	238	90	333	84	120	98	11	12	8	103
4 8	2	75	51	19	55	33	22	19	3					59
4 11	4	58	41	58	88	20	87	22	46	16		3		20
4 30	86	334	403	304	478	136	887	261	444	102	34	30	16	299
4701	187	1476	1257	790	1112	311	2109	469	916	405	165	91	63	993
5 47	90	72	229	195	256	103	417	311	94	4	8			159
5502	77	98	633	530	724	288	1334	335	649	209	101	28	12	627
5703	67	140	357	221	483	143	480	145	255	50	12	8	10	255
5704	32	121	564	398	632	166	959	109	429	312	73	22	14	339
5705	50	146	238	276	362	223	397	169	176	44	8			255
6 8	80	89	1037	644	719	198	1271	124	466	408	145	64	64	880
6 9	259	332	2854	1821	2065	387	3962	574	1646	1011	449	117	165	2246
6 13	169	259	1306	801	954	175	1901	200	703	687	190	52	69	1034
6 31	6	22	273	151	101	36	206	102	76	20		4	4	227
6 41	42	133	724	454	531	163	699	130	295	150	77	21	26	685
6 54	65	112	608	243	403	108	672	180	275	129	56	20	12	382
7600	127	229	1153	677	864	157	1348	278	524	334	123	48	41	790
8 2	18	41	493	310	177	76	393	86	131	75	71	11	19	350
8 4	1	57	25	8	16	4	3				3			22
8 12	35	50	836	327	258	50	591	83	158	164	133	32	21	521
8 17	26	74	499	379	222	33	606	58	191	223	74	27	33	344
8 23	14	35	297	133	128	12	247	43	62	69	43	23	7	126
8701	35	95	960	434	329	68	730	114	209	195	145	39	28	581
9 1	176	571	2114	1146	1429	514	3107	765	997	737	294	143	171	1393
9 6	4	289	207	104	148	50	215	155	43	13			4	159
9 15	4	289	207	104	148	50	215	155	43	13			4	159
9701	72	184	858	581	643	97	980	115	369	306	133	17	40	581
10 1	57	132	801	465	649	76	1010	300	512	128	50		20	606
10 4	179	413	4150	2397	2235	454	4973	560	1706	1657	627	201	222	2772
10 8	130	206	1283	720	785	92	1404	387	553	364	76	12	12	851
10 12	11	93	399	231	216	28	269	61	100	56	8	28	16	315
10 15	82	104	414	245	405	47	404	116	228	56	4			396
10 19	130	206	1283	720	785	92	1404	387	553	364	76	12	12	851
10 21	19	32	228	186	204	40	188	60	80	24	16	4	4	190
10 22	18	100	312	265	233	64	391	107	132	104	16		32	247

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V15	V16	V17	V18	V19	V20	V21	V22	V23	V24	V25	V26	V27	V28
10 32	22	55	241	160	273	56	280	127	105	24	12	4	8	198
10 34	22	55	241	160	273	56	280	127	105	24	12	4	8	198
10 45	3	25	177	122	140	56	112	20	24	28	36		4	83
10 70	130	206	1283	720	785	92	1404	387	553	364	76	12	12	851
10 77	82	104	414	245	405	47	404	116	228	56	4			396
10116	19	32	228	186	204	40	188	60	80	24	16	4	4	190
10125	37	266	255	222	156	44	252	52	112	48	28	4	8	241
10130	57	132	801	465	649	76	1010	300	512	128	50		20	606
10713	125	348	562	489	462	108	836	108	367	218	84	30	29	550
11 3	2	78	178	92	69	28	86	12	24	22	8	8	12	189
11 25	26	113	238	70	231	57	243	52	77	70	12	12	20	213
12 4	13	220	215	148	154	47	196	117	44	19	12	4		253
12 6	54	62	549	287	326	110	559	111	198	158	34	30	28	414
12 8	51	56	107	67	110	39	75	43	20	8		4		88
12 16	54	62	549	287	326	110	559	111	198	158	34	30	28	414
12 17	51	56	107	67	110	39	75	43	20	8		4		88
12703	63	95	680	331	381	121	664	213	198	161	34	30	28	503
13701	2	126	150	91	106	51	21	21						108
13702	77	169	703	431	537	164	915	125	374	294	90	12	20	599
14 1	138	2074	1416	973	1404	443	1776	341	724	423	150	71	67	1212
15 4	35	66	617	354	403	128	675	163	264	152	52	16	28	317
15 5	236	185	1481	782	1223	402	2225	148	765	816	306	96	94	1181
15 6	45	153	1030	720	581	139	1556	223	658	476	160	20	19	483
15 9	96	275	750	438	510	128	679	176	240	156	67	20	20	387
15 35	30	121	357	180	306	116	430	132	234	60	4			201
15 40	4	135	181	68	123	24	56	20	28	4		4		77
15 59	22	115	237	72	104	16	128	60	40	8	8	12		217
15 62	30	121	357	180	306	116	430	132	234	60	4			201
15 91	35	98	157	84	95	44	116	72	28	8	4		4	97
15 94	3	16	20	12	44	4	12	8	4					28
15549	350	598	5420	2775	3358	784	7093	478	2237	2441	1170	438	329	3912
16 4	19	128	295	205	230	12	206	46	96	42	14	4	4	192
16 8		53	48	13	30	12	21		8			9	4	15
16 41		120	12	9	4	4	17		4	13				4
16509	20	201	552	299	309	55	403	87	145	108	26	21	16	449
17 7	127	303	2294	1252	1231	208	2886	302	1202	845	337	88	112	1444
17600	114	593	1903	1212	1468	248	2005	415	737	519	182	60	92	960
18600	128	1021	1428	772	1223	353	1445	492	561	248	87	30	27	1187
18702	530	386	4949	2408	2869	709	5850	515	2137	1884	810	270	234	4192
19 5	29	199	269	193	256	43	309	125	119	34	14	4	13	174
19 7	75	340	788	456	545	134	906	152	373	230	102	16	33	583
19 11	2	139	74	38	51	35	56	5	31	12	4		4	81
19 14	2	58	89	24	17	8	17		17					34
19 18		47	49	26	34	8	12		12					13
19 21		47	49	26	34	8	12		12					13
19 24	2	58	89	24	17	8	17		17					34
19 25	2	139	74	38	51	35	56	5	31	12	4		4	81
19 41	29	199	269	193	256	43	309	125	119	34	14	4	13	174
20 1	8	49	385	281	366	62	438	40	145	181	48	16	8	147
20 4	323	519	10113	5323	6650	1268	13660	539	3394	5570	2598	768	791	8205
20 19	108	331	3471	2118	2788	294	5483	453	2522	1814	538	103	53	2178
20 28	6	69	497	336	467	134	673	256	329	76	8	4		266
20 32	18	40	340	178	190	52	269	40	125	68	24	4	8	318
20 40	23	87	907	450	574	69	856	223	331	197	81	16	8	491
20 45	86	141	1281	694	1061	287	1993	350	876	471	184	56	56	959

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
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ID	V15	V16	V17	V18	V19	V20	V21	V22	V23	V24	V25	V26	V27	V28
20 52	32	70	870	578	831	92	1435	149	416	513	268	57	32	468
20 66	12	74	221	205	279	45	261	52	137	36	24	8	4	110
20 68	4	93	190	48	70	12	93	20	32	33	4	4		131
20 69	34	115	663	350	570	158	668	121	270	192	52	20	13	464
20 71	39	63	255	201	246	45	350	153	117	68	4	4	4	195
20 76	87	59	867	414	335	33	713	162	306	181	48	12	4	694
20 79	23	175	604	327	455	116	588	118	204	174	60	24	8	346
20 90	17	58	197	88	200	65	145	53	68	16	4		4	138
20 97	30	215	689	432	469	105	820	174	344	194	60	24	24	530
20117	87	58	863	406	327	33	709	162	302	181	48	12	4	678
21600	265	1844	3277	2140	2231	479	4434	927	1887	966	391	121	142	2439
22 95	16	103	191	157	214	117	219	33	162	8	12		4	111
22124	21	77	234	165	299	85	423	145	218	40	16		4	167
22129	21	77	234	165	299	85	423	145	218	40	16		4	167
22552	25	137	423	301	457	323	616	205	264	82	41	8	16	270
22701	126	235	1644	1247	1584	385	2717	380	1187	724	257	103	66	1156
22702	180	348	1115	756	1175	154	1730	506	833	238	100	16	37	795
22705	14	21	183	92	224	108	254	92	86	52	8	12	4	111
22708	170	235	2983	1706	2151	577	4270	244	1526	1533	655	166	146	1989
23 2		122	95	44	90	12	51	19	12	8	4		8	54
23 8	101	346	1199	671	977	209	1157	163	345	363	172	82	32	781
23 11	10	88	93	55	87	32	56	36	12	8				23
23 26	26	196	469	225	357	64	544	114	161	169	80	12	8	370
23 29	7	115	106	90	154	52	36	8	20	4	4			45
23 61	17	136	201	133	219	87	48	12		36				68
23 66	10	88	93	55	87	32	56	36	12	8				23
23 81		122	95	44	90	12	51	19	12	8	4		8	54
23701		122	95	44	90	12	51	19	12	8	4		8	54
23703	40	266	428	349	483	77	384	93	170	106	11	4		262
24 14	43	616	447	295	420	102	430	175	171	3	8			268
24 15	21	106	239	236	351	154	395	151	165	59	12	4	4	150
24 24	791	797	9369	6330	6411	1494	15047	906	5081	5173	2455	701	581	7044
24 45	6	58	120	80	138	2	48	4	32	8	4			91
24 50	5	49	95	95	197	106	78		31	9	8			85
24103	22	81	451	448	475	207	892	171	486	177	45	8	5	324
24123	157	222	238	115	141	48	244	112	104	20	4	4		206
24701	36	280	916	698	930	268	1227	203	435	399	146	32	12	553
24704	50	700	576	505	785	282	1121	242	488	243	100	32	16	365
24705	65	664	713	475	586	205	760	286	290	5	31	4	15	405
24707	71	463	924	695	1317	644	1707	434	850	265	88	24	16	626
25 1	56	224	470	341	468	195	584	104	230	144	69	20	17	401
26 1	4963	2811	48589	34574	46533	18461	89305	4368	32804	32396	11668	4067	4002	54280
26 3	82	187	1717	1512	1604	330	3806	151	1417	1434	514	164	126	1126
26 7	20	73	260	211	256	54	390	22	205	62	43	31	27	251
26 39	15	82	240	160	237	85	249	30	114	74	19	4	8	248
26 40	178	207	4180	3572	4013	817	9838	708	3895	3741	1008	334	152	2338
26 46	15	82	240	160	237	85	249	30	114	74	19	4	8	248
26 51	12	20	266	242	339	66	758	36	144	129	93	85	271	157
26702	153	717	4450	3249	2957	620	7859	399	2116	3585	1372	266	121	1887
27 2	88	290	1150	699	1150	351	1690	537	605	355	132	24	37	838
27 13	140	560	1424	767	1086	359	1929	328	769	427	215	104	86	1017
27 21	15	117	318	216	388	146	383	117	84	129	40		13	141
27 34	37	68	209	99	303	51	266	145	97	20	4			159
27 36	4	29	149	151	205	39	259	13	48	81	89	12	16	57
27 57	6	110	230	147	184	52	231	161	58		12			211

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
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ID	V15	V16	V17	V18	V19	V20	V21	V22	V23	V24	V25	V26	V27	V28
27 62	6	110	230	147	184	52	231	161	58		12			211
28700	16	85	264	136	262	115	205	50	86	55	9	5		190
29 9	109	313	1101	539	818	255	1404	218	599	357	154	28	48	847
29 56	117	826	697	440	745	138	1057	363	473	157	60	4		425
29703	28	540	333	205	425	100	302	80	167	47	4	4		280
30 1	16	74	173	118	163	70	152	37	29	41	25	16	4	149
30 2	28	340	574	327	323	127	628	92	256	161	60	35	24	416
30 5	25	68	455	279	244	94	557	48	246	148	56	35	24	305
30 6	329	50	286	110	107	16	192	59	68	49	4	12		232
30 8	118	82	832	551	683	87	1142	191	435	362	96	37	21	620
30 13	18	103	195	136	178	84	265	69	94	45	21	16	20	163
30 16	310	301	2744	1530	1474	461	2896	271	749	938	578	188	172	2494
30 19	17	180	86	94	108	86	173	70	75	16	8	4		83
30 61	33	25	202	158	202	57	247	120	107	20				136
30 80	3	272	119	48	79	33	71	44	10	13	4			111
30703	85	352	871	536	795	374	1225	190	450	364	111	69	41	692
31 1	128	236	1314	857	1089	533	2117	337	872	524	247	64	73	1195
31 5	21	90	282	213	285	114	457	255	133	57	12			179
31 8	21	90	282	213	285	114	457	255	133	57	12			179
31 11	8	25	125	56	122	81	131	62	57	12				80
31 15	8	25	125	56	122	81	131	62	57	12				80
31 23	41	90	215	144	226	143	292	120	128	28	12		4	159
32 6	2	202	166	98	160	77	229	77	80	36	24	4	8	81
32 7	27	187	312	204	241	167	443	57	186	100	76	12	12	232
32 11	1	72	56	21	11	19	4				4			15
32 18	1	72	56	21	11	19	4				4			15
32 21	28	259	368	225	252	186	447	57	186	100	80	12	12	247
32 25	1	72	56	21	11	19	4				4			15
32 32		50	24	24	20	12	8		8					12
32 38	20	96	236	148	228	77	331	92	145	78	8	8		146
32 54		50	24	24	20	12	8		8					12
32 58		50	24	24	20	12	8		8					12
33 9	56	233	729	463	369	122	745	81	274	262	55	23	50	353
33 12	205	338	2167	1240	1165	484	2774	151	813	1027	518	116	149	1581
33 14	71	208	321	232	327	144	281	104	118	36	19	4		288
33 29	71	208	321	232	327	144	281	104	118	36	19	4		288
33 50		101	64	24	42	16	16	16						39
33701	71	309	385	256	369	160	297	120	118	36	19	4		327
34 13	4	229	216	178	251	119	224	117	91	16				192
34 48	288	271	4363	3586	3720	585	9387	169	1524	3273	2106	956	1359	1998
34702	55	138	1077	849	1147	269	2393	119	660	798	501	196	119	544
34703	100	632	1901	1493	1923	836	3292	369	1264	894	505	161	99	1446
34705	104	188	1161	937	1197	397	2043	266	879	638	198	34	28	954
34706	4	61	96	99	196	63	156	56	64	28	8			85
34709	11	109	365	238	418	164	482	65	206	142	45	16	8	195
35 1	33	57	134	75	97	10	84	39	35	5	5			78
35 21	29	42	241	129	118	18	121	15	62	34	10			287
35 55	33	57	134	75	97	10	84	39	35	5	5			78
36 8	37	86	273	204	467	151	444	218	156	43	16	7	4	220
36 29	63	181	964	669	914	337	1581	356	725	352	84	32	32	621
36 40	92	112	1171	729	858	256	1738	136	664	572	216	70	80	906
36 48	33	92	281	189	339	120	460	153	287	16	4			259
36701	59	107	271	216	442	184	415	148	216	27	20	4		162
36705	62	329	587	450	884	276	905	354	259	140	109	19	24	403
36707	72	128	399	219	495	99	504	261	199	40	4			301

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(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V29	V30	V31	V32	V33	V34	V35	V36	V37	V38	V39	V40	V41	V42
1 5	102	8	174	248	217	193	74	9	1297	1267	1141	781	537	614
1 16	10		5	45	33	5			134	103	107	81	49	63
1 30	18		26	4	5	5			81	85	69	46	38	52
1 61	39	9	33	96	79	23			390	467	328	244	154	215
2 7	4		4	23	21	4			116	87	106	66	45	41
2 17	59	7	50	93	75	27	18		540	582	511	381	271	290
2509	146	15	203	560	909	785	736	38	3311	2587	2223	3598	4755	2402
2701	35		22	37	24	14			197	220	205	169	93	77
3 3	37	5	27	63	170	43	59	8	985	1098	1038	806	535	484
3 7	18		16	46	75	185	269	76	1390	1539	1467	977	460	674
3 53	55		19	20	30	7			320	300	319	247	113	145
3 62	111	5	72	382	337	178	32		1256	1315	1241	939	649	618
3115	61		4	93	159	159	25		839	845	654	515	389	453
3701	119		51	154	107	16	20		782	927	890	689	367	362
3702	77		36	155	143	43	22	4	691	821	752	572	316	305
3704	63		42	168	70	26	8		574	631	633	463	205	242
3705	245	7	57	374	651	952	311	15	4609	4708	4162	2714	1929	2186
3706	62	18	60	64	106	28	4	3	630	661	670	453	254	284
4 1	108	31	287	475	482	254	141	4	1293	1253	1107	916	829	702
4 4	31	12	84	36	20				104	120	138	100	52	66
4 5	16		12	28	35	12			238	265	262	135	76	106
4 8	16		20	11	12				44	52	43	28	19	25
4 11	4		4	4	4	4			57	84	82	43	17	24
4 30	31		16	116	88	28	20		419	390	407	257	206	178
4701	116		57	296	272	148	95	9	821	823	848	591	385	365
5 47	32	4	19	56	28	4	16		222	261	271	151	84	81
5502	61	4	73	182	209	84	14		758	790	684	487	331	383
5703	52		24	76	91	12			366	456	402	286	144	157
5704	44	4	28	92	83	72	16		645	630	634	480	268	281
5705	67		52	48	76	12			303	392	395	248	98	148
6 8	63	8	36	162	295	178	126	12	1029	926	838	609	521	544
6 9	170	16	205	496	638	499	205	17	2833	2894	2423	1749	1387	1418
6 13	117	4	28	177	281	302	125		1238	1125	984	699	623	636
6 31	26		25	59	69	44	4		230	201	155	148	124	98
6 41	136	17	71	136	178	96	39	12	737	736	628	451	359	358
6 54	41		65	85	116	54	21		505	525	456	332	203	222
7600	96	4	60	179	276	127	48		1043	1092	1039	727	456	538
8 2	75		5	73	126	43	28		410	399	349	292	211	190
8 4	8			5	4	5			10	12	9	9	10	5
8 12	24		18	87	113	186	78	15	564	552	475	351	284	274
8 17	44		4	42	90	99	61	4	461	443	393	257	214	195
8 23	22		4	33	57	5	5		212	188	164	140	102	89
8701	56		18	92	118	199	83	15	715	688	605	429	352	338
9 1	138	4	139	291	408	252	149	12	1714	1763	1622	1215	741	778
9 6	24	4	31	52	36	8		4	183	191	147	125	78	103
9 15	24	4	31	52	36	8		4	183	191	147	125	78	103
9701	60	8	34	111	216	100	52		674	723	734	516	307	310
10 1	56		62	180	176	79	49	4	867	867	830	613	363	419
10 4	155	32	120	512	833	655	434	31	3655	3539	3241	2184	1665	1895
10 8	100	4	45	162	290	181	65	4	1400	1313	1207	853	597	640
10 12	62	12	21	84	88	40	4	4	395	378	325	233	178	204
10 15	53		88	129	73	45	8		419	407	433	326	186	197
10 19	100	4	45	162	290	181	65	4	1400	1313	1207	853	597	640
10 21	42		37	57	40	14			266	276	271	209	125	126
10 22	18	4	20	65	98	34	8		328	342	333	237	156	159

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(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V29	V30	V31	V32	V33	V34	V35	V36	V37	V38	V39	V40	V41	V42
10 32	45		17	49	70	4	13		282	310	285	191	95	142
10 34	45		17	49	70	4	13		282	310	285	191	95	142
10 45	20		14	8	29	4	8		188	194	224	121	84	92
10 70	100	4	45	162	290	181	65	4	1400	1313	1207	853	597	640
10 77	53		88	129	73	45	8		419	407	433	326	186	197
10116	42		37	57	40	14			266	276	271	209	125	126
10125	25		38	48	97	25	8		242	227	256	190	101	114
10130	56		62	180	176	79	49	4	867	867	830	613	363	419
10713	54		74	105	195	94	28		577	592	564	399	229	296
11 3	90		8	5	53	16	17		124	123	105	46	61	75
11 25	65		13	20	34	53	24	4	264	231	171	134	171	144
12 4	49	9	45	82	55	13			184	191	174	107	71	82
12 6	38		25	58	139	94	60		467	458	430	311	216	204
12 8	17		13	34	20	4			106	110	119	96	58	44
12 16	38		25	58	139	94	60		467	458	430	311	216	204
12 17	17		13	34	20	4			106	110	119	96	58	44
12703	52	12	46	84	155	94	60		590	547	512	367	285	264
13701	52	12	12	20	8		4		158	139	121	99	80	87
13702	70	12	57	149	181	103	27		745	697	560	381	415	381
14 1	206	23	107	206	389	203	69	9	1356	1428	1386	986	532	715
15 4	32		4	56	141	72	8	4	481	480	455	348	201	256
15 5	100		80	335	389	177	96	4	1193	1238	1176	1171	786	629
15 6	84		40	122	112	80	37	8	941	991	1030	724	422	490
15 9	112	12	40	101	78	36	8		580	701	627	455	282	314
15 35	44		20	36	69	24	8		226	237	270	223	86	129
15 40	21	4	8	12	28	4			104	138	122	92	64	64
15 59	72	4	49	64	24	4			168	131	123	116	75	88
15 62	44		20	36	69	24	8		226	237	270	223	86	129
15 91	44	12	8	21	4	8			123	160	132	103	87	66
15 94	8		4	8	4		4		12	20	25	17	6	11
15549	361	12	246	832	1097	809	525	30	3676	3860	3632	2611	1760	2029
16 4	42		15	58	49	28			309	269	274	196	114	163
16 8	8			7					37	58	46	31	9	17
16 41			4						10	11	13	7	1	6
16509	68		86	86	91	76	42		680	568	533	344	289	274
17 7	110	22	118	325	458	239	160	12	1454	1553	1406	1059	665	753
17600	256	26	74	267	214	99	24		1422	1534	1601	1161	637	713
18600	295	27	218	359	185	77	26		1379	1369	1407	976	610	700
18702	255	24	362	855	1185	911	537	63	4058	3686	3296	2601	2464	2275
19 5	32	5	19	46	51	5	16		282	326	269	196	107	146
19 7	41	5	44	95	166	128	95	9	688	753	614	427	284	386
19 11	25	22	17	9	8				49	63	41	33	28	34
19 14	8	4	13	9					40	43	31	35	23	27
19 18	5		4				4		41	33	20	21	26	41
19 21	5		4				4		41	33	20	21	26	41
19 24	8	4	13	9					40	43	31	35	23	27
19 25	25	22	17	9	8				49	63	41	33	28	34
19 41	32	5	19	46	51	5	16		282	326	269	196	107	146
20 1	25	4	8	34	32	32	12		437	527	485	306	167	193
20 4	383	36	563	1736	2243	1944	1178	122	8089	7776	6828	6921	6572	4804
20 19	170	12	64	353	734	595	233	17	3736	3662	3231	2325	1757	1926
20 28	37		81	78	54	12	4		592	626	594	399	258	266
20 32	49	8	49	82	86	36	8		325	303	252	177	171	160
20 40	48		52	137	173	66	15		687	776	773	508	347	354
20 45	117	17	121	226	306	123	44	5	1305	1288	1191	882	556	604

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V29	V30	V31	V32	V33	V34	V35	V36	V37	V38	V39	V40	V41	V42
20 52	51	4	22	100	137	84	66	4	965	1104	985	585	385	49
20 66	29	4	25	12	20	8	12		302	382	326	202	123	15
20 68	12		16	45	25	8	21	4	112	120	107	85	51	4
20 69	57	16	48	97	139	71	36		555	635	569	521	254	26
20 71	57		16	53	57	12			300	287	262	216	131	13
20 76	53	12	41	96	244	167	77	4	707	672	590	421	307	37
20 79	46	4	17	81	116	54	24	4	558	584	531	366	215	26
20 90	16	8	28	36	42	4	4		177	205	209	178	77	7
20 97	61	4	37	140	145	98	45		586	612	522	340	266	31
20117	41	12	37	96	244	167	77	4	706	671	583	419	305	37
21600	300	7	224	581	801	349	155	22	2587	2629	2332	1617	1073	121
22 95	13		21	37	20	12	8		229	242	271	223	92	9
22124	24		21	36	66	20			314	301	305	197	138	15
22129	24		21	36	66	20			314	301	305	197	138	15
22552	74	4	33	86	49	16	8		486	568	583	382	226	22
22701	83		75	335	390	194	79		1762	1920	1768	1224	741	87
22702	139	16	99	234	153	114	40		1284	1370	1306	931	566	57
22705	12		13	41	25	12	4	4	215	261	203	183	110	11
22708	180	8	105	458	564	438	224	12	2799	2838	2486	1745	1436	142
23 2	23	3	8	8	8	4			96	89	85	70	43	4
23 8	115	3	85	166	216	136	52	8	1187	1211	1073	781	483	53
23 11	19				4				94	82	81	62	48	5
23 26	96		70	84	82	26	8	4	472	473	439	336	200	18
23 29	22		12	11					193	183	166	137	72	9
23 61	18		26	20	4				291	295	292	198	119	11
23 66	19				4				94	82	81	62	48	5
23 81	23	3	8	8	8	4			96	89	85	70	43	4
23701	23	3	8	8	8	4			96	89	85	70	43	4
23703	54		33	81	60	19	15		513	547	507	372	197	20
24 14	57	9	4	96	62	16	4		565	524	522	411	226	25
24 15	36		24	49	33	8			310	313	347	253	128	12
24 24	434	32	585	1454	2244	6511	5639	16	7309	7743	7411	5732	4403	444
24 45	26	8	8	33	12	4			209	215	175	4	78	6
24 50	16	8		20	13	4	4		203	214	202	15	75	7
24103	24	4	27	104	101	53	11		570	588	603	651	202	22
24123	28	4	16	84	56	18			179	170	169	134	85	8
24701	88	8	52	163	76	5034	5017	6000	1094	1218	1100	767	458	49
24704	52		33	73	142	49	16		900	914	816	657	405	41
24705	89	9	37	148	82	36	4		807	809	803	733	459	37
24707	116	8	65	197	154	31	35		1227	1382	1305	842	587	51
25 1	90		23	94	104	74	16		519	570	490	363	233	26
26 1	2349	448	7510	10570	13766	11573	7199	865	37668	38004	35263	26794	21482	2033
26 3	89		17	120	348	311	204	37	2184	1936	1630	1176	1211	114
26 7	41	4	14	50	62	51	29		309	321	272	171	127	14
26 39	35	9	28	67	79	26	4		242	261	252	222	99	9
26 40	125		67	247	555	777	551	16	5469	5156	4036	2618	2284	274
26 46	35	9	28	67	79	26	4		242	261	252	222	99	9
26 51	20		4	5	34	38	41	15	281	343	337	488	323	14
26702	205	8	63	329	500	485	250	47	5565	5474	4393	2699	1962	274
27 2	106	10	138	220	211	112	32	9	1064	1260	1219	908	482	58
27 13	125	8	94	244	358	172	16		1185	1126	1040	1051	883	59
27 21	31	3	23	31	42	8	3		341	487	459	320	132	20
27 34	32		42	58	19	4		4	235	253	253	191	83	9
27 36	4	3		23	19	4	4		163	178	176	133	77	7
27 57	12	7	64	84	33	7		4	221	268	289	213	100	11

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ID	V29	V30	V31	V32	V33	V34	V35	V36	V37	V38	V39	V40	V41	V42
27 62	12	7	64	84	33	7		4	221	268	289	213	100	114
28700	50		4	56	40	32	4	4	250	272	255	160	90	130
29 9	94	4	68	154	309	172	42	4	1037	1137	1011	729	480	525
29 56	79		44	122	109	43	28		674	704	616	444	248	309
29703	46		26	62	91	31	20	4	388	423	360	282	228	199
30 1	44		12	20	37	20	16		244	204	158	139	103	88
30 2	76	12	16	111	81	68	40	12	624	605	491	299	263	306
30 5	48		12	76	73	60	32	4	497	486	379	245	213	262
30 6	36	4	12	64	76	36	4		187	168	169	109	57	91
30 8	80	4	50	199	149	77	61		766	926	824	522	282	341
30 13	56		27	40	16	16	8		168	196	190	143	72	72
30 16	216	12	144	552	733	515	305	17	2343	2384	1971	1318	1058	1233
30 19	16		4	32	27	4			113	153	108	94	45	61
30 61	52	4	8	36	28	4	4		212	244	240	151	71	107
30 80	28	12	4	35	8	8	8	8	127	119	112	54	50	44
30703	70	4	39	220	248	72	39		761	852	826	606	364	342
31 1	105	4	149	305	355	201	72	4	1154	1166	1139	1007	778	615
31 5	48	12	12	55	52				285	270	248	191	138	132
31 8	48	12	12	55	52				285	270	248	191	138	132
31 11	32		12	20	16				120	140	132	94	63	60
31 15	32		12	20	16				120	140	132	94	63	60
31 23	35	4	44	28	40	8			248	246	268	217	95	96
32 6	12			20	29	12	8		153	153	136	120	70	79
32 7	40		15	49	73	31	24		313	337	340	200	117	153
32 11	7		4	4					41	37	18	18	21	25
32 18	7		4	4					41	37	18	18	21	25
32 21	47		19	53	73	31	24		354	374	358	218	138	178
32 25	7		4	4					41	37	18	18	21	25
32 32	8			4					26	26	35	20	13	17
32 38	17	7	8	42	52	20			254	270	207	150	121	138
32 54	8			4					26	26	35	20	13	17
32 58	8			4					26	26	35	20	13	17
33 9	44		31	85	132	57		4	693	713	629	357	288	323
33 12	144		95	325	432	373	204	8	1727	1755	1654	1031	783	855
33 14	48		48	64	77	43	8		356	361	332	224	146	163
33 29	48		48	64	77	43	8		356	361	332	224	146	163
33 50	16			15	8				32	40	39	33	23	13
33701	64		48	79	85	43	8		388	401	371	257	169	176
34 13	51	25	36	49	22		6	3	259	306	298	201	109	100
34 48	120		15	101	349	555	692	166	5106	5332	4570	2689	1646	2429
34702	66		8	84	115	131	137	3	1230	1282	1136	804	495	578
34703	187	17	162	360	289	329	99	3	2381	2320	2050	1495	945	1086
34705	104	10	71	310	306	125	28		1216	1203	1100	1095	833	685
34706	29			26	22	8			145	152	162	127	70	77
34709	38	4	7	53	67	22	4		376	396	390	316	147	180
35 1	25		17	32		4			90	99	118	105	51	52
35 21	20	4	38	155	45	16	9		223	220	143	122	122	101
35 55	25		17	32		4			90	99	118	105	51	52
36 8	19		32	119	38	12			305	378	373	321	137	165
36 29	109	4	53	145	202	65	39	4	728	859	881	660	401	373
36 40	115	4	86	243	246	159	49	4	877	952	949	980	729	446
36 48	48		62	63	70	12		4	296	360	326	239	119	129
36701	24		40	51	43	4			321	383	391	316	132	156
36705	35	3	44	174	115	20	12		668	763	780	600	291	314
36707	52	4	65	125	43	8		4	404	448	447	391	229	195

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4

(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V43	V44	V45	V46	V47	V48	V49	V50	V51	V52	V53	V54	V55	V56
1 5	686	694	781	699	708	532	546	522	468	609	11763	92	29	1921
1 16	64	56	80	76	71	52	66	40	35	35	1112	8	8	259
1 30	37	42	52	56	43	35	21	17	18	22	714			84
1 61	248	245	251	256	203	159	126	127	77	97	3577			604
2 7	58	62	48	45	35	39	36	28	16	29	857	4	4	192
2 17	270	286	292	266	219	206	159	155	110	131	4652	28	8	826
2509	1673	1672	1400	1195	1101	1013	809	723	593	703	10415	535	535	3932
2701	108	113	128	116	125	96	88	85	77	86	1969			420
3 3	641	739	684	633	546	535	452	393	276	283	9572	106	72	1721
3 7	965	1112	1041	956	803	498	398	339	241	288	13130	280	280	2490
3 53	183	180	194	164	153	134	167	148	89	127	2955	3	3	519
3 62	712	763	768	776	680	617	530	480	367	493	12110	181	177	2118
3115	524	508	504	542	446	357	323	274	241	348	7621	74	53	1238
3701	464	491	524	573	545	453	442	414	338	421	8647	12	4	1531
3702	351	457	421	455	372	389	289	278	200	198	6748	38	31	1319
3704	295	380	367	398	331	278	252	221	173	221	5628			1052
3705	2786	3074	2893	2603	2195	1654	1530	1339	1153	1390	40734	341	229	7322
3706	310	387	339	374	346	292	248	212	161	163	5772	25	25	1116
4 1	739	844	895	937	811	683	649	624	510	584	2899	32	32	1890
4 4	71	66	97	91	102	80	58	50	41	36	1272			213
4 5	146	175	174	145	105	81	83	63	44	48	2137	4		454
4 8	37	24	33	36	29	36	34	29	20	10	490			59
4 11	44	55	53	41	31	40	30	19	19	18	657			131
4 30	219	239	278	287	259	253	163	166	128	124	3947	10		658
4701	457	505	614	680	635	620	522	603	480	481	9371	34	18	1413
5 47	143	131	148	134	126	142	134	126	120	102	2370	40	40	437
5502	388	410	448	444	393	354	277	256	213	266	6796	58	8	1281
5703	228	230	242	239	223	166	155	166	127	135	3720	9	9	786
5704	347	358	407	353	364	288	266	207	171	196	5872	27	12	1041
5705	185	237	232	277	202	174	148	191	154	120	3496	3		560
6 8	553	562	562	550	443	352	299	261	152	229	8360	48	22	1401
6 9	1715	1660	1607	1526	1264	1031	800	657	429	475	23645	105	43	4437
6 13	690	685	727	648	631	499	373	313	200	264	10127	95	57	1707
6 31	141	119	134	126	91	65	44	52	19	41	1788	4		286
6 41	417	386	415	385	331	248	213	182	154	196	6123	67	22	1173
6 54	279	279	252	286	229	215	159	143	107	144	4307	35	28	862
7600	587	605	663	672	532	431	359	267	213	206	9395	33	4	1802
8 2	226	220	250	254	197	165	134	107	67	56	3494			616
8 4	4	9	11	11	13	21	12	9	8	5	158			20
8 12	356	351	349	314	281	200	137	106	54	77	4688	12	12	855
8 17	271	228	263	261	224	176	149	92	69	73	3756	4	4	710
8 23	100	109	147	140	102	95	83	66	37	30	1801			292
8701	444	409	419	387	342	246	181	137	69	96	5814	12	12	1107
9 1	999	1113	1074	1153	936	830	641	628	490	569	5467	46	10	2766
9 6	82	102	103	121	104	62	61	87	48	27	1624	9	6	234
9 15	82	102	103	121	104	62	61	87	48	27	1624	9	6	234
9701	364	422	462	554	424	345	272	259	225	243	6777	13	9	1226
10 1	464	459	397	414	363	306	198	185	144	145	7028	19	7	1546
10 4	2149	2219	2065	2043	1720	1350	1135	920	652	811	20744	135	65	5436
10 8	695	776	656	582	520	390	300	231	172	165	1047	11	7	2032
10 12	191	184	208	178	137	111	84	61	49	45	2961			654
10 15	261	261	251	234	211	154	144	113	70	70	3716	4	4	711
10 19	695	776	656	582	520	390	300	231	172	165	1047	11	7	2032
10 21	155	146	149	145	133	95	73	68	38	57	2332			416
10 22	182	175	190	165	160	124	99	83	67	78	2866			639

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
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ID	V43	V44	V45	V46	V47	V48	V49	V50	V51	V52	V53	V54	V55	V56
10 32	149	160	160	167	139	116	114	100	56	64	2522			520
10 34	149	160	160	167	139	116	114	100	56	64	2522			520
10 45	119	104	92	106	111	91	58	47	38	48	1708	3	3	318
10 70	695	776	656	582	520	390	300	231	172	165	1047	11	7	2032
10 77	261	261	251	234	211	154	144	113	70	70	3716	4	4	711
10116	155	146	149	145	133	95	73	68	38	57	2332			416
10125	122	164	162	155	140	96	96	84	52	47	2230	15	15	290
10130	464	459	397	414	363	306	198	185	144	145	7028	19	7	1546
10713	303	395	394	384	309	232	194	169	109	100	5227	88	88	865
11 3	80	71	58	77	57	44	49	41	20	24	1055	19		204
11 25	129	127	114	109	86	76	80	62	51	65	1946	28	8	302
12 4	105	98	125	106	79	67	50	51	62	74	1621	4	4	324
12 6	290	269	290	272	223	192	165	129	110	125	4146			684
12 8	51	73	78	85	61	60	49	39	27	44	1100	3	3	175
12 16	290	269	290	272	223	192	165	129	110	125	4146			684
12 17	51	73	78	85	61	60	49	39	27	44	1100	3	3	175
12703	348	307	340	329	276	241	202	142	118	132	4968			838
13701	107	101	86	115	99	77	68	59	35	27	1358			208
13702	438	409	350	341	318	280	220	170	132	162	5825	33	33	1104
14 1	755	864	897	945	840	675	589	550	379	498	13246	66	27	2387
15 4	296	257	346	314	312	250	200	192	161	203	4686	15		742
15 5	663	769	760	742	623	558	536	522	427	633	12016	44	44	1777
15 6	544	596	579	573	451	383	299	278	180	198	8639	7	4	1659
15 9	397	380	444	480	494	459	537	407	241	187	5982			1074
15 35	144	156	173	197	177	181	161	137	123	129	2746			347
15 40	62	70	85	78	82	91	70	62	62	48	1294	4	4	315
15 59	79	75	74	74	73	58	42	30	11	13	1223	4		277
15 62	144	156	173	197	177	181	161	137	123	129	2746			347
15 91	82	74	80	84	79	81	59	41	42	24	1317			253
15 94	11	17	19	15	22	19	16	11	7	5	233			54
15549	2356	2608	2500	2524	2144	1841	1601	1424	1185	1390	15085	153	43	6498
16 4	153	164	159	180	152	108	88	64	34	32	2445	4	4	408
16 8	30	40	25	27	21	17	10	7	7	8	390			78
16 41	12	5	8	9	9	13	5	12	4	6	118			4
16509	284	315	284	287	210	142	105	75	52	71	4477			931
17 7	833	991	934	926	843	745	699	689	596	748	5769	113	27	2282
17600	798	930	935	1043	990	858	769	690	440	502	14910	46	14	2661
18600	774	851	878	926	810	653	484	356	238	239	12525	28	14	2433
18702	2239	2361	2412	2277	1904	1654	1166	958	741	733	8942	117	61	5527
19 5	181	159	188	154	135	105	77	68	47	51	2491	42	42	455
19 7	442	402	424	412	334	270	231	199	128	140	6087	94	82	1112
19 11	49	39	36	50	51	41	39	26	18	23	614			93
19 14	17	35	22	31	29	27	16	13	6	9	404	4	4	77
19 18	26	22	24	27	26	26	23	17	7	3	358			41
19 21	26	22	24	27	26	26	23	17	7	3	358			41
19 24	17	35	22	31	29	27	16	13	6	9	404	4	4	77
19 25	49	39	36	50	51	41	39	26	18	23	614			93
19 41	181	159	188	154	135	105	77	68	47	51	2491	42	42	455
20 1	247	286	256	242	209	171	130	129	78	86	3933	8	8	835
20 4	4871	5068	4876	4512	3627	3068	2632	2237	1795	2365	29665	807	561	11447
20 19	2017	2129	1886	1860	1475	1209	927	709	576	716	12376	88	57	5762
20 28	304	309	330	300	274	205	183	167	139	134	5080	8	8	931
20 32	176	169	185	168	141	151	90	73	33	29	2585			506
20 40	452	430	449	434	329	297	273	220	147	178	6612	19	11	1263
20 45	667	744	727	710	529	494	455	340	296	340	11095	83	28	2058

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V43	V44	V45	V46	V47	V48	V49	V50	V51	V52	V53	V54	V55	V56
20 52	560	651	609	503	337	288	251	259	186	204	8349	46	34	1681
20 66	183	201	173	170	154	115	96	72	49	61	2749	12	12	529
20 68	79	62	86	72	50	37	38	25	21	10	1000			187
20 69	319	366	380	388	338	291	238	213	183	200	5716	32	28	1020
20 71	159	157	139	153	137	99	100	62	54	55	2430	4	4	415
20 76	400	411	395	381	337	283	165	95	48	61	5616	39	35	1007
20 79	308	356	320	360	279	251	199	167	115	115	4978	3	3	1009
20 90	103	120	134	128	92	90	74	66	53	62	1843	4	4	317
20 97	363	338	363	306	298	241	250	172	139	123	5201	8		1019
20117	392	406	391	374	334	281	161	94	48	61	5570	39	35	987
21600	1362	1589	1572	1589	1462	1295	1297	1164	867	940	24401	131	119	4068
22 95	104	124	159	136	157	128	110	113	86	99	2364	16	12	370
22124	157	158	191	150	135	126	109	96	52	67	2649	15	7	451
22129	157	158	191	150	135	126	109	96	52	67	2649	15	7	451
22552	222	317	331	308	279	228	226	250	176	210	5015	11	11	980
22701	1023	1103	1085	1076	864	717	568	556	425	518	16118	64	44	2904
22702	639	712	726	747	584	443	387	315	223	229	11028	50	46	2217
22705	118	114	130	97	94	74	77	78	58	77	2002	4		395
22708	1557	1642	1639	1519	1189	974	883	811	597	804	12631	190	101	4315
23 2	54	65	63	65	35	34	31	21	24	29	850			102
23 8	593	631	716	630	553	464	413	360	282	299	10118	46	19	1866
23 11	50	54	52	58	44	52	41	32	29	22	840			156
23 26	238	191	244	254	207	169	155	137	93	102	3845	4	4	709
23 29	84	90	114	118	65	77	83	35	35	39	1584	4	4	260
23 61	127	129	145	166	141	113	85	84	65	56	2423			433
23 66	50	54	52	58	44	52	41	32	29	22	840			156
23 81	54	65	63	65	35	34	31	21	24	29	850			102
23701	54	65	63	65	35	34	31	21	24	29	850			102
23703	245	305	276	252	248	226	179	159	127	168	4483			946
24 14	247	245	200	20	150	210	100	130			4618	20	16	705
24 15	149	176	214	197	197	155	135	157	126	145	3124	12	8	572
24 24	4913	5378	5118	4407	4515	4028	3208	3138	2453	3340	60888	267	146	11978
24 45	86	81	30	50	89	50		10			1548			309
24 50	82	131	50		98	90		40			1817			304
24103	286	282	310	262	278	225	267	270	228	278	5183	14	4	1022
24123	97	99	88	120	88	76	65	57	50	38	1592			288
24701	574	625	611	658	537	406	365	331	264	252	9717	17	9	1994
24704	421	467	496	446	392	371	320	260	177	227	7609	15	7	1444
24705	403	405	453	438	421	370	282	245	213	242	7016	20	16	1188
24707	580	723	620	561	677	634	512	598	460	604	11914	94	90	2119
25 1	291	311	311	316	276	224	184	204	145	169	4846	4	4	809
26 1	23215	27647	28188	28995	26519	23702	21747	20066	16751	19617	7542	6243	5848	58442
26 3	1308	1508	1226	1076	854	672	548	474	319	360	16895	122	43	2878
26 7	162	186	158	152	165	170	133	99	128	239	2593	48	48	493
26 39	133	166	171	180	144	136	108	93	65	63	2360	5	5	442
26 40	3271	3346	2839	2472	2017	1693	1401	1172	1041	1212	41699	604	472	7379
26 46	133	166	171	180	144	136	108	93	65	63	2360	5	5	442
26 51	160	218	221	248	172	146	125	129	83	77	3052	63	63	568
26702	3132	3169	2629	2209	1709	1308	1139	977	794	1017	40389	331	184	7972
27 2	680	706	726	662	589	542	488	450	356	425	11041	44	36	1948
27 13	621	695	701	678	628	551	489	470	372	405	11177	42	31	1759
27 21	239	247	245	245	194	195	165	141	80	91	3782	20	20	744
27 34	98	142	156	135	117	110	91	80	51	57	2125	4	4	401
27 36	109	122	136	114	114	94	82	70	52	52	1744			360
27 57	127	160	154	149	113	109	72	85	53	60	2272	4	4	405

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
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ID	V43	V44	V45	V46	V47	V48	V49	V50	V51	V52	V53	V54	V55	V56
27 62	127	160	154	149	113	109	72	85	53	60	2272	4	4	405
28700	150	170	195	195	147	97	111	81	65	78	2440	34	34	453
29 9	549	617	605	553	492	396	294	278	215	274	9094	69	12	1674
29 56	347	375	376	354	359	301	299	326	236	237	6147	8	4	1130
29703	188	219	235	210	155	180	163	143	98	87	3464	11	7	694
30 1	120	141	116	117	106	108	108	62	39	35	1885	4	4	232
30 2	326	305	312	294	255	196	170	118	75	88	4666	34	34	1059
30 5	252	234	239	232	198	144	133	93	46	70	3687	27	27	866
30 6	91	105	98	105	87	97	59	54	40	38	1545			197
30 8	453	483	488	467	357	312	266	255	184	176	7076	14	11	1397
30 13	113	124	126	108	115	73	69	87	55	46	1757	32	32	331
30 16	1481	1489	1453	1420	1234	1106	967	826	617	851	8502	368	346	3595
30 19	59	70	64	69	52	58	50	36	36	40	1108			223
30 61	108	133	149	153	119	88	85	79	61	82	2075			443
30 80	74	71	73	62	57	52	37	25	29	18	979	7	7	193
30703	430	502	564	518	440	393	372	357	311	355	7972	68	60	1438
31 1	639	714	758	767	608	541	526	508	410	490	11473	25	21	1863
31 5	140	120	142	201	188	143	120	116	104	161	2634			555
31 8	140	120	142	201	188	143	120	116	104	161	2634			555
31 11	72	79	64	76	78	56	73	59	49	55	1270			215
31 15	72	79	64	76	78	56	73	59	49	55	1270			215
31 23	123	138	145	182	164	108	103	97	78	83	2391			328
32 6	73	86	94	114	90	77	88	58	57	53	1501			234
32 7	204	207	216	204	176	137	140	122	84	104	3036	8		575
32 11	19	21	24	24	23	13	14	13	4	1	316			49
32 18	19	21	24	24	23	13	14	13	4	1	316			49
32 21	223	228	240	228	199	150	154	135	88	105	3352	8		624
32 25	19	21	24	24	23	13	14	13	4	1	316			49
32 32	20	21	15	20	20	19	15	8	8	8	291			48
32 38	133	130	135	141	130	116	79	80	70	77	2231			307
32 54	20	21	15	20	20	19	15	8	8	8	291			48
32 58	20	21	15	20	20	19	15	8	8	8	291			48
33 9	390	448	365	384	336	236	196	158	111	114	5728	8	4	1075
33 12	989	1189	1074	1137	968	743	674	608	467	580	6734	65	17	2712
33 14	206	216	193	208	180	148	143	118	87	106	3156	8	4	557
33 29	206	216	193	208	180	148	143	118	87	106	3156	8	4	557
33 50	27	20	44	33	29	32	22	11	13	10	410			77
33701	233	236	237	241	209	180	165	129	100	116	3566	8	4	634
34 13	131	161	138	165	162	137	121	113	90	80	2562			532
34 48	3288	3578	3217	2657	2115	1706	1315	1005	838	844	41945	460	279	7972
34702	698	716	770	797	636	556	415	408	325	323	11141	97	41	1952
34703	1227	1211	1220	1246	999	952	864	795	692	828	20111	227	224	3504
34705	633	716	694	646	659	576	520	462	416	562	11523	53	30	1914
34706	72	81	101	102	89	78	78	60	47	49	1490			264
34709	198	240	251	220	220	233	202	176	145	145	3821	11	4	618
35 1	61	63	81	65	47	52	54	33	31	25	1027			139
35 21	113	96	113	109	96	83	49	45	32	28	1683			324
35 55	61	63	81	65	47	52	54	33	31	25	1027			139
36 8	166	188	233	255	210	209	205	172	141	150	3553	8	8	586
36 29	443	494	539	514	493	466	472	449	375	518	8556	46	18	1486
36 40	476	587	613	537	468	458	412	412	344	461	9024	163	146	1594
36 48	154	182	211	202	145	131	141	128	101	146	2983	46	38	591
36701	184	201	232	257	219	211	188	159	129	152	3623			552
36705	353	422	474	490	422	412	374	335	294	277	7201	16	16	1319
36707	211	244	282	265	236	211	174	139	99	119	3952	4	4	704

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 5
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ID	V57	V58	V59	V60	V61	V62	V63	V64	V65	V66	V67	V68	V69	V70
1 5	1735	803	757	4	26	29	11882	48	201	628	1455	1460	2123	605
1 16	259	79	79			4	1112		12	92	161	155	198	31
1 30	84	33	33			3	714	4	8	20	79	72	114	41
1 61	604	170	170	10		5	3587		48	130	434	457	677	111
2 7	192	66	66				857		12	59	90	121	146	35
2 17	822	413	406	45	3	15	4669	4	43	331	624	486	694	134
2509	3783	1264	1260	6400	71	478	11156	12	136	690	1536	1657	3285	2556
2701	420	142	138	4	1	1	1983	4	56	140	203	238	251	93
3 3	1508	593	580	389	4	24	10128	22	90	426	916	1029	1571	882
3 7	2157	919	849	215	7	23	13148	21	58	247	648	975	2300	1411
3 53	519	234	228	9	10	2	2983	10	56	219	394	355	443	144
3 62	2022	783	770	105	7	44	12204	48	205	713	1529	1532	1836	532
3115	1087	429	400	152	7	36	7762	15	98	340	699	1047	1455	463
3701	1520	565	545	64	9	21	8682	26	125	599	1336	919	1384	407
3702	1283	389	389	21	1	85	6867	47	185	493	945	689	965	233
3704	1037	439	439	25	5	16	5664	20	140	352	950	656	739	184
3705	6522	2517	2281	477	19	316	40925	83	455	1649	3520	5024	7476	2806
3706	1036	385	371	22	27	29	5784	5	74	403	725	748	792	214
4 1	1637	752	692	53	62	239	3261	187	383	734	1590	1536	2322	764
4 4	213	95	95	4	1	11	1272	12	22	121	178	168	181	54
4 5	447	125	121	32		9	2146	4	23	81	216	251	395	96
4 8	59	15	15				499	5	11	44	66	56	78	12
4 11	123	31	31				657		8	39	84	87	125	28
4 30	658	264	256	11	5	11	3973	7	52	284	413	622	638	194
4701	1413	543	535	22	7	37	9430	34	144	709	1137	1511	1525	621
5 47	434	158	158	4		17	2376	4	64	163	416	283	319	105
5502	1055	398	398	33	3	26	6882	28	160	445	883	789	1077	232
5703	782	247	247	12		7	3722	20	58	258	545	454	552	157
5704	967	434	416	43	2	17	5895	28	109	403	713	699	934	220
5705	552	256	253		4	4	3504	21	131	301	486	293	537	109
6 8	1382	544	541	14	6	15	8430	17	87	345	880	1035	1321	508
6 9	4305	1571	1567	70	19	141	23870	77	274	1338	2434	2741	3660	1091
6 13	1623	593	593	25	14	66	10335	44	149	524	1009	1219	1855	558
6 31	286	111	111			32	1788	5	36	118	233	236	186	54
6 41	1166	363	355	10		20	6196	8	89	299	820	717	928	278
6 54	854	274	266	11	1	22	4336	8	63	254	483	645	657	175
7600	1802	674	674	26	1	42	9430	7	138	526	1072	1058	1497	420
8 2	612	234	230	15	2	7	3527		60	182	418	424	573	118
8 4	20	6	6			35	158			7	39	15	34	4
8 12	852	303	295	21	1	3	4725	7	39	212	477	706	724	219
8 17	710	232	232	5	5	18	3769	8	40	160	445	473	517	284
8 23	282	85	85	3	1	10	1804	5	11	100	161	269	251	96
8701	1104	380	372	21	1	12	5857	15	61	283	621	833	882	282
9 1	2399	1044	1044	150	15	74	16266	42	188	791	1696	1851	2929	989
9 6	230	141	141	4		7	1624		26	94	228	230	211	75
9 15	230	141	141	4		7	1624		26	94	228	230	211	75
9701	1222	518	518	37	3	50	6834	15	123	270	872	858	1114	409
10 1	1488	49	5047		1	34	7034	8	86	420	845	960	777	240
10 4	5202	1926	1876	93	23	91	20923	44	376	1413	3336	3796	4958	1717
10 8	1984	699	687	11	2	41	10497	8	163	616	1059	1245	1346	351
10 12	647	207	207	8	1	23	2961	13	43	104	332	363	505	124
10 15	692	304	288	9		22	3737	12	77	213	525	429	511	95
10 19	1984	699	687	11	2	41	10497	8	163	616	1059	1245	1346	351
10 21	407	91	87	4	1	20	2332	8	24	113	299	270	313	47
10 22	639	473	473	12		3	2878	4	28	214	386	372	472	73

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 5
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ID	V57	V58	V59	V60	V61	V62	V63	V64	V65	V66	V67	V68	V69	V70
10 32	520	182	182			2	2530	4	57	141	353	269	395	72
10 34	520	182	182			2	2530	4	57	141	353	269	395	72
10 45	303	105	105			11	1717		24	61	188	236	264	99
10 70	1984	699	687	11	2	41	10497	8	163	616	1059	1245	1346	351
10 77	692	304	288	9		22	3737	12	77	213	525	429	511	95
10116	407	91	87	4	1	20	2332	8	24	113	299	270	313	47
10125	290	128	128	4	3	32	5246	18	28	163	250	302	305	95
10130	1488	49	5047		1	34	7034	8	86	420	845	960	777	240
10713	865	435	435	36	3	32	5246	26	56	332	576	676	773	255
11 3	204	49	49		1	12	1055	4	8	53	124	74	204	84
11 25	302	118	118	4	14	6	2014	5	20	61	197	174	395	108
12 4	324	137	137	4		3	1626		16	93	249	281	257	51
12 6	684	277	277	16	2	17	4151		44	188	438	504	656	241
12 8	171	80	76			1	1100		20	59	147	136	184	37
12 16	684	277	277	16	2	17	4151		44	188	438	504	656	241
12 17	171	80	76			1	1100		20	59	147	136	184	37
12703	838	309	309	16	3	26	5000		56	203	536	647	760	259
13701	208	39	39			10	1458	12	25	58	209	125	215	120
13702	1104	348	339	5	6	175	5999	15	75	302	633	586	994	392
14 1	2343	923	919	61	16	434	13395	46	188	762	1580	1655	2105	831
15 4	710	258	250	63		13	4752	4	48	267	753	636	674	274
15 5	1769	905	888	600	4	65	12426	22	135	451	1297	1353	1793	987
15 6	1598	645	617	35	1	21	8679	4	94	431	969	1006	1399	336
15 9	1047	385	369	28	15	37	6985	15	198	598	1077	910	1049	222
15 35	347	192	188	4		13	2749	16	52	140	363	496	430	103
15 40	308	140	140	20	2	5	1294		8	48	186	219	170	98
15 59	277	107	107				1230	4	12	66	160	191	151	63
15 62	347	192	188	4		13	2749	16	52	140	363	496	430	103
15 91	250	86	86			6	1317	8	28	72	231	162	151	28
15 94	54	12	12				233		4	8	31	32	43	37
15549	6097	2393	2251	292	12	140	15159	44	433	1593	3677	4810	6711	2617
16 4	404	197	197	4	3	34	2459	12	36	126	268	320	440	99
16 8	78	21	21	4			390			8	44	32	71	32
16 41	4					1	131			4	8	8	12	
16509	689	336	336	4	2	1289	4513	10	99	225	355	475	618	148
17 7	2263	873	857	31	5	36	5788	39	188	863	1884	1877	2542	867
17600	2612	1016	997	23	1	74	15023	7	257	875	1864	2151	2371	789
18600	2378	870	834	38	63	1110	12650	35	210	726	1398	1702	1789	610
18702	5152	2148	2019	594	393	583	9841	137	372	1366	3172	4089	5991	2113
19 5	455	151	151	3	1	9	2491	9	57	182	276	326	337	109
19 7	1112	355	355	3	2	44	6134	13	107	342	683	701	875	393
19 11	93	26	23	4	2	1	620		5	31	56	137	68	33
19 14	77	18	18			1	404	4	4	21	44	49	65	27
19 18	41	21	21			11	383		13	39	73	22	41	26
19 21	41	21	21			11	383		13	39	73	22	41	26
19 24	77	18	18			1	404	4	4	21	44	49	65	27
19 25	93	26	23	4	2	1	620		5	31	56	137	68	33
19 41	455	151	151	3	1	9	2491	9	57	182	276	326	337	109
20 1	792	368	356	27	1	4	3949	25	41	118	347	413	646	234
20 4	10613	4407	4146	6335	223	550	30162	114	634	2321	5388	6913	12466	5874
20 19	5337	2071	1993	231	41	92	12387	46	353	1377	3253	3531	4638	1405
20 28	923	350	350	4	4	24	5080	4	116	343	657	565	630	154
20 32	502	224	224	12		11	2603		41	198	321	372	364	53
20 40	1216	444	432	72	37	39	6654	4	115	419	810	857	940	303
20 45	1861	745	741	38	1	45	11128	21	131	616	1460	1305	1621	421

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 5
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V57	V58	V59	V60	V61	V62	V63	V64	V65	V66	V67	V68	V69	V70
20 52	1586	596	579	55	23	13	8363	23	113	337	760	974	1461	351
20 66	509	210	210	28	9	20	2762		50	143	330	337	382	113
20 68	187	63	63				1000	4	4	44	112	156	164	40
20 69	1008	530	530	31		10	5716	9	73	296	816	656	848	248
20 71	415	228	216	4	5	11	2449		69	126	296	278	347	115
20 76	1007	323	319	20	11	6	5652	4	69	208	581	711	860	268
20 79	954	313	309	24		15	4986	8	63	202	610	584	889	310
20 90	317	170	170	11		8	1843		16	108	283	203	284	75
20 97	1019	430	423	24		11	5232	4	69	272	617	842	708	270
20117	987	319	315	20	5	6	5601	4	69	203	581	699	848	268
21600	4038	1351	1345	11	10	349	24635	56	368	1535	3436	3129	3671	1424
22 95	335	198	182	4	1	20	2364	4	50	163	298	289	312	80
22124	447	165	165	12		16	2649	4	26	168	389	275	380	100
22129	447	165	165	12		16	2649	4	26	168	389	275	380	100
22552	944	369	361	54		3	5015	4	85	257	659	567	752	339
22701	2784	1204	1196	113	3	23	16225	33	157	712	2118	1908	2579	823
22702	2205	794	786	7		51	11037	37	156	654	1497	1335	1393	387
22705	379	161	145	8		1	2002		12	96	296	220	326	66
22708	3984	1513	1458	226	10	73	29792	44	279	921	2522	2570	4053	1470
23 2	102	59	59			10	850		4	32	84	83	125	40
23 8	1858	740	740	4	25	860	10207	63	178	435	1051	958	1822	640
23 11	156	46	46	4	2	3	858		17	79	125	87	119	49
23 26	709	296	296		33	77	3896	29	104	174	430	359	550	183
23 29	260	139	139			235	1584	9	20	59	192	157	263	65
23 61	433	210	210		3	131	2423	16	35	90	318	300	281	87
23 66	156	46	46	4	2	3	858		17	79	125	87	119	49
23 81	102	59	59			10	850		4	32	84	83	125	40
23701	102	59	59			10	850		4	32	84	83	125	40
23703	942	385	385		11	135	4530	33	108	229	560	545	650	208
24 14	721	347	336	20		13	4618	20	162	321	501	562	476	153
24 15	521	214	182	4	9	8	3124	49	100	222	494	294	445	158
24 24	10674	4617	3975	1437	182	575	60966	819	1363	4450	8621	8434	12779	5719
24 45	169	135	25		3	12	1557	70	60	66	105	83	238	44
24 50	308	119	111		1		1827	8	35	133	202	184	268	67
24103	658	568	287	18	13	25	5523	37	152	311	770	522	784	211
24123	288	88	88		2		1603	8	4	123	188	214	246	67
24701	1617	666	608	43	9	207	9758	130	255	650	1114	851	1514	440
24704	1005	497	377	36	1	22	7684	28	127	408	933	704	1162	368
24705	1160	518	479	33	9	45	7461	35	241	524	858	932	783	234
24707	1752	788	535	189	2	14	12380	76	339	821	1855	1098	1657	621
25 1	809	337	329	5		5	4871	13	66	174	544	563	832	282
26 1	49056	22712	19920	8309	5636	5388	415988	2537	6944	21074	45604	50753	72202	32377
26 3	2578	958	886	218	118	107	17630	52	203	681	1514	2020	3207	1101
26 7	493	168	163	9	7	71	2940	28	77	183	396	339	460	132
26 39	408	179	152	11	4	18	2428	8	15	93	340	312	430	105
26 40	6638	2134	1941	561	231	553	42771	204	552	1842	4327	5345	7182	2394
26 46	408	179	152	11	4	18	2428	8	15	93	340	312	430	105
26 51	526	243	188	503	17	16	3495	4	13	58	141	224	357	351
26702	7289	2242	2106	316	42	452	40925	71	619	1829	3590	4607	6597	2174
27 2	1911	800	786	76		41	11141	44	270	832	1352	1211	1471	569
27 13	1677	710	637	641	4	61	11490	60	186	668	1219	962	1601	790
27 21	744	308	305	12		19	3782	20	65	278	422	419	556	178
27 34	364	199	195	4		100	2148	8	98	215	376	212	248	68
27 36	356	136	93	20		11	1744	8	20	84	262	142	260	138
27 57	379	182	182	28		10	2287		44	144	245	313	240	72

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 5
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ID	V57	V58	V59	V60	V61	V62	V63	V64	V65	V66	V67	V68	V69	V70
27 62	379	182	182	28		10	2287		44	144	245	313	240	72
28700	453	163	163	25		14	2446	9	34	115	189	216	475	225
29 9	1327	650	542	17	2	32	9192	21	88	446	967	967	1457	423
29 56	1130	460	460	17	2	45	6205	7	118	341	684	886	1020	296
29703	658	229	202		6	6	3558		46	236	465	366	562	101
30 1	224	114	102	9	2	10	1888	9	30	80	214	139	281	143
30 2	1013	376	358	16		43	4727	8	50	169	562	595	767	236
30 5	820	328	310	16		34	3723	8	34	128	418	490	633	204
30 6	197	115	115		2	77	1555		8	62	208	156	301	112
30 8	1377	471	471	8	87	18	7102	11	69	277	949	740	1137	348
30 13	327	140	140	16		28	1757	8	31	82	179	240	329	80
30 16	3161	1303	1145	71	152	840	8761	76	367	985	2301	2526	3691	1559
30 19	223	86	86	8	7	31	1108		21	74	180	142	165	77
30 61	439	141	141	8	1	2	2082	4	70	187	259	256	296	69
30 80	193	48	48			9	1004		16	41	144	105	134	32
30703	1373	492	472	12	1	29	7993	34	140	439	1026	934	1225	490
31 1	1851	613	608	609	74	21	11820	33	227	627	1142	1176	2093	740
31 5	555	254	250	44		18	2699	4	39	244	388	323	424	154
31 8	555	254	250	44		18	2699	4	39	244	388	323	424	154
31 11	215	93	93	21		1	1270		4	41	103	153	221	144
31 15	215	93	93	21		1	1270		4	41	103	153	221	144
31 23	320	162	162	8		8	2391		21	102	354	295	326	113
32 6	234	106	106	5	2	3	1501		25	62	211	163	277	133
32 7	552	165	160		1	7	3054	4	23	148	318	326	555	183
32 11	49	18	18			2	316		4	4	56	23	91	4
32 18	49	18	18			2	316		4	4	56	23	91	4
32 21	601	183	178		1	9	3370	4	27	152	374	349	646	187
32 25	49	18	18			2	316		4	4	56	23	91	4
32 32	48	5	5				291		4	24	21	12	61	12
32 38	307	138	138	5	8	1	2231	5	28	149	225	200	403	143
32 54	48	5	5				291		4	24	21	12	61	12
32 58	48	5	5				291		4	24	21	12	61	12
33 9	926	325	325	4	27	51	5741	10	62	222	637	690	1021	284
33 12	2323	921	917	16	45	111	6790	111	180	648	1741	1846	3101	1017
33 14	557	162	162	8		88	3187	10	56	195	401	418	520	131
33 29	557	162	162	8		88	3187	10	56	195	401	418	520	131
33 50	77	24	24				421	4	11	57	71	35	57	28
33701	634	186	186	8		88	3608	14	67	252	472	453	577	159
34 13	503	165	165	8	11	9	2571	19	92	249	392	286	272	62
34 48	7079	2625	2446	572	13	121	42335	68	248	1225	2564	3586	7388	4056
34702	1648	747	702	142	5	57	11169	11	73	501	1079	1329	1836	769
34703	2987	1289	1207	188	17	67	20311	59	349	1319	2560	2110	2753	1105
34705	182I	824	794	698	5	45	12016	32	161	815	1427	1143	1703	610
34706	264	114	114	6		6	1490	9	15	151	186	152	209	60
34709	569	320	317	26	3	8	3835	18	62	246	493	424	576	286
35 1	139	75	75	3		2	1027		15	42	129	132	154	19
35 21	324	149	149			1	1695		12	82	199	198	315	57
35 55	139	75	75	3		2	1027		15	42	129	132	154	19
36 8	582	323	319	40	1	6	3608	11	90	275	464	401	539	175
36 29	1380	550	525	166	2	17	8665	22	206	655	1143	1081	1346	504
36 40	1424	574	547	796	14	39	9701	8	105	369	1016	815	1548	801
36 48	577	208	205	12		18	3010	4	66	196	389	300	474	129
36701	513	226	226	18	5	14	3631	12	83	207	564	442	556	115
36705	1300	573	526	60	1	32	7269	42	157	508	991	752	1019	378
36707	636	338	310	78		178	4094	12	146	326	623	430	452	159

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ID	V71	V72	V73	V74	V75	V76	V77	V78	V79	V80	V81	V82
1 5	457	4189	3254	3241	3025	216	4307	1409	1294	115	825	132
1 16	20	431	364	364	356	8	370	133	125	8	97	11
1 30	3	244	207	207	188	19	201	52	52		52	12
1 61	75	1244	1101	1101	1065	36	1123	289	276	13	202	45
2 7	16	312	244	244	228	16	302	71	71		47	23
2 17	128	1663	1263	1263	1168	95	1572	467	448	19	324	57
2509	3383	11497	7479	7040	6863	177	10416	3899	3804	95	2199	178
2701	64	663	516	516	481	35	666	131	123	8	74	32
3 3	734	3318	2686	2681	2561	120	3855	1402	1340	62	731	62
3 7	1621	4387	3647	3643	3532	111	4585	1564	1526	38	1041	68
3 53	71	1100	805	801	698	103	993	197	169	28	142	73
3 62	413	4202	3221	3209	3060	149	4413	1571	1490	81	916	87
3115	402	2657	2157	2153	2065	88	2872	994	939	55	680	58
3701	241	3197	2381	2376	2315	61	3029	912	875	37	637	127
3702	157	2376	1754	1754	1630	124	2350	656	590	66	464	121
3704	133	1984	1480	1480	1368	112	1948	515	472	43	397	79
3705	1809	13616	10775	10752	10331	421	14476	5041	4799	242	3504	354
3706	142	2007	1545	1538	1393	145	1925	498	463	35	362	53
4 1	477	5119	3998	3109	2894	215	4756	1621	1534	79	990	106
4 4	39	483	392	385	381	4	453	119	111	8	83	19
4 5	47	677	532	525	497	28	687	250	231	19	171	41
4 8	19	191	141	141	137	4	150	27	27		12	15
4 11		221	177	169	161	8	216	79	71	8	60	8
4 30	132	1446	1140	1087	1028	59	1455	490	468	22	339	60
4701	355	3501	2589	2536	2396	140	3709	1196	1120	76	752	151
5 47	50	881	550	550	513	37	813	192	181	11	149	35
5502	227	2362	1791	1791	1735	56	2413	754	714	40	517	79
5703	93	1357	987	987	914	73	1269	274	266	8	184	32
5704	142	2060	1549	1545	1470	75	2015	494	467	27	365	59
5705	108	1231	899	899	856	43	1155	255	255		182	40
6 8	290	2901	2390	2390	2285	105	2872	816	797	19	548	92
6 9	788	7802	6482	6287	5933	354	7712	2477	2218	259	1681	165
6 13	376	3747	2974	2861	2750	111	3506	936	871	65	701	113
6 31	22	665	544	544	490	54	549	138	126	12	101	15
6 41	192	2155	1800	1800	1706	94	2068	501	468	33	381	78
6 54	138	1540	1181	1181	1099	82	1479	379	368	11	250	76
7600	359	3294	2595	2595	2305	290	3129	1177	1078	99	853	141
8 2	61	1265	1064	1047	1002	45	1126	289	282	7	185	38
8 4	4	68	43	43	34	9	53	25	21	4	15	
8 12	141	1697	1429	1429	1343	86	1527	537	497	40	401	28
8 17	110	1326	1121	1121	1025	96	1286	425	358	67	297	27
8 23	82	646	511	511	473	38	571	178	164	14	130	24
8701	158	2131	1813	1813	1674	139	1905	666	584	82	492	35
9 1	679	5648	4485	4481	3980	501	5693	2221	2018	203	1470	154
9 6	33	586	418	418	357	61	531	160	124	36	104	19
9 15	33	586	418	418	357	61	531	160	124	36	104	19
9701	275	2497	2012	2012	1911	101	2407	1011	950	61	686	46
10 1	173	2375	1832	1824	1668	156	2230	474	425	49	330	96
10 4	1260	10764	8246	8243	7726	517	10476	3441	3207	234	2294	188
10 8	226	3424	2642	2638	2429	209	3200	774	733	41	530	129
10 12	83	1074	858	858	743	115	967	222	202	20	166	5
10 15	140	1379	1048	1048	954	94	1273	309	280	29	232	31
10 19	226	3424	2642	2638	2429	209	3200	774	733	41	530	129
10 21	28	753	496	496	418	78	704	148	145	3	113	40
10 22	53	1054	820	820	765	55	1059	264	237	27	197	4

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ID	V71	V72	V73	V74	V75	V76	V77	V78	V79	V80	V81	V82
10 32	47	891	682	682	654	28	797	111	103	8	98	28
10 34	47	891	682	682	654	28	797	111	103	8	98	28
10 45	24	605	460	460	425	35	526	125	125		94	32
10 70	226	3424	2642	2638	2429	209	3200	774	733	41	530	129
10 77	140	1379	1048	1048	954	94	1273	309	280	29	232	31
10116	28	753	496	496	418	78	704	148	145	3	113	40
10125	51	823	600	588	562	26	706	191	174	13	102	27
10130	173	2375	1832	1824	1668	156	2230	474	425	49	330	96
10713	149	1836	1415	1400	1328	72	1736	511	442	65	303	74
11 3	48	356	327	327	327		370	158	158		109	12
11 25	69	731	619	478	462	16	638	240	223	17	133	29
12 4	51	609	446	446	379	67	575	152	127	25	119	22
12 6	143	1492	1174	1170	1031	139	1356	514	489	25	341	49
12 8	21	411	341	341	300	41	354	62	47	15	50	12
12 16	143	1492	1174	1170	1031	139	1356	514	489	25	341	49
12 17	21	411	341	341	300	41	354	62	47	15	50	12
12703	152	1804	1446	1442	1253	189	1585	552	520	32	359	53
13701	26	562	512	512	507	5	393	117	117		80	34
13702	221	2240	1871	1722	1630	92	1949	746	707	39	457	58
14 1	493	4750	3867	3863	3575	288	4698	1683	1489	194	1170	106
15 4	181	1765	1329	1329	1204	125	1695	500	454	46	364	63
15 5	728	4336	3004	2992	2720	272	4506	1331	1245	86	840	243
15 6	219	2833	2159	2155	2075	80	2888	799	755	44	570	87
15 9	242	3167	1614	1614	1479	135	2001	499	479	20	345	108
15 35	76	979	623	623	568	55	1006	213	197	16	162	64
15 40	31	570	436	436	397	39	459	117	113	4	106	16
15 59	60	501	422	422	331	91	443	46	31	15	42	8
15 62	76	979	623	623	568	55	1006	213	197	16	162	64
15 91	45	522	376	376	317	59	438	107	103	4	71	36
15 94	16	117	105	105	93	12	86	32	28	4	28	4
15549	1813	13007	10071	10049	9475	574	13779	4610	4287	323	2887	294
16 4	68	911	738	738	717	21	831	256	248	8	203	25
16 8	16	123	115	115	107	8	109	34	30	4	26	
16 41	8	20	12	12	12		24	12	12		4	
16509	146	1470	1148	1148	1095	53	1340	416	390	26	293	28
17 7	506	5132	3785	3777	3398	379	5498	1702	1533	169	1101	108
17600	378	5584	3896	3896	3445	451	5235	1314	1217	97	925	254
18600	437	4675	3741	3720	3450	270	3997	1155	1065	90	853	139
18702	1424	12720	10352	9069	8458	611	11651	4358	4018	336	3059	208
19 5	79	931	748	748	654	94	811	241	208	33	200	8
19 7	307	2248	1862	1862	1660	202	1993	764	707	57	557	29
19 11	31	234	195	195	187	8	191	22	22		18	12
19 14	18	176	168	168	160	8	96	34	34		31	4
19 18	9	184	158	158	154	4	93	44	44		34	4
19 21	9	184	158	158	154	4	93	44	44		34	4
19 24	18	176	168	168	160	8	96	34	34		31	4
19 25	31	234	195	195	187	8	191	22	22		18	12
19 41	79	931	748	748	654	94	811	241	208	33	200	8
20 1	142	1257	978	978	946	32	1299	337	290	47	267	28
20 4	6162	26520	20176	20124	19297	827	27833	9972	9436	532	5910	442
20 19	811	9887	7976	7955	7570	385	10060	3030	2764	266	2142	182
20 28	81	1696	1228	1224	1126	98	1551	303	280	23	236	69
20 32	61	937	755	755	722	33	829	235	220	15	192	16
20 40	166	2383	1843	1839	1646	193	2202	579	506	73	377	56
20 45	295	3814	2954	2954	2677	277	3730	894	783	111	570	104

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ID	V71	V72	V73	V74	V75	V76	V77	V78	V79	V80	V81	V82
20 52	356	2840	2298	2290	2164	126	2729	853	788	65	622	25
20 66	73	903	663	663	602	61	872	194	183	11	117	20
20 68	20	357	305	305	270	35	336	62	59	3	46	4
20 69	158	2020	1556	1556	1449	107	2068	534	505	29	359	76
20 71	20	959	671	671	601	70	748	157	153	4	127	41
20 76	175	1948	1692	1688	1574	114	1773	512	468	44	380	39
20 79	136	1720	1353	1353	1279	74	1693	436	384	52	311	50
20 90	32	688	527	527	487	40	645	115	107	8	71	23
20 97	162	1876	1410	1406	1255	151	1813	554	499	55	368	71
20117	175	1919	1667	1663	1549	114	1765	512	468	44	380	39
21600	772	8762	6303	6266	5982	284	8686	2507	2368	139	1784	366
22 95	55	831	629	629	578	51	793	240	223	17	174	33
22124	47	869	654	654	590	64	867	149	125	24	113	12
22129	47	869	654	654	590	64	867	149	125	24	113	12
22552	173	1890	1224	1224	1163	61	1720	444	420	24	275	109
22701	478	5484	4207	4207	3924	283	5432	1434	1311	123	1059	196
22702	196	3713	2748	2748	2405	343	3611	822	714	108	577	76
22705	51	689	520	520	508	12	707	146	134	12	87	21
22708	1053	8203	6526	6466	6190	276	8439	2681	2452	229	1836	177
23 2	24	308	232	232	224	8	212	24	24		19	8
23 8	299	3487	2852	2849	2709	140	3436	1448	1384	64	996	112
23 11	12	337	268	268	264	4	255	67	63	4	46	12
23 26	135	514	7051	1051	965	86	1215	381	357	24	288	90
23 29	12	505	394	394	376	18	478	137	137		113	35
23 61	39	807	635	635	635		745	218	218		160	61
23 66	12	337	268	268	264	4	255	67	63	4	46	12
23 81	24	308	232	232	224	8	212	24	24		19	8
23701	24	308	232	232	224	8	212	24	24		19	8
23703	123	1713	1359	1359	1307	52	1513	506	483	23	403	102
24 14	64	1570	1125	1125	1008	107	1073	370	30	40		73
24 15	74	1140	841	841	773	68	1133	389	339	50	266	96
24 24	4377	27822	18180	18125	16796	1189	29871	11478	10703	873	5685	624
24 45	20	555	420	420	306	24	56	100	9			37
24 50	33	639	476	476	404	12	91	200	90	10		40
24103	142	2025	1167	1167	1085	82	1836	500	460	40	337	90
24123	41	621	465	465	437	28	521	157	127	30	134	20
24701	248	3376	2531	2531	2335	196	3319	1045	945	100	677	142
24704	187	2507	1918	1918	1780	138	2525	645	570	75	428	52
24705	151	2747	1718	1718	1562	156	2335	632	569	63	449	114
24707	371	4341	2968	2968	2701	207	3862	1283	1061	122	649	259
25 1	215	1755	1468	1457	1392	65	1605	471	448	23	346	63
26 1	25143	144807	109710	109073	102667	6406	166048	65730	62845	2860	32969	3153
26 3	721	6172	4968	4553	4371	182	5959	2077	1969	108	1395	124
26 7	128	1141	734	725	676	49	942	293	281	12	216	7
26 39	52	887	680	666	641	25	829	268	253	15	175	17
26 40	1405	13859	11097	11057	10445	612	14823	5080	4796	284	3360	312
26 46	52	887	680	666	641	25	829	268	253	15	175	17
26 51	577	1153	935	935	894	41	1435	514	503	11	220	16
26702	1331	12919	10348	10283	9759	524	13226	4115	3956	159	2935	345
27 2	344	3786	2851	2851	2645	206	3842	1093	1038	55	732	158
27 13	654	4010	2968	2960	2775	185	4308	1537	1388	149	1004	141
27 21	73	1270	977	977	938	39	1246	342	330	12	252	39
27 34	20	810	625	625	569	56	754	154	123	31	109	36
27 36	130	675	510	510	478	32	646	172	157	15	133	30
27 57	52	788	578	578	539	39	673	116	116		89	40

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 6
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V71	V72	V73	V74	V75	V76	V77	V78	V79	V80	V81	V82
27 62	52	788	578	578	539	39	673	116	116		89	40
28700	154	876	689	689	662	27	836	201	189	12	138	17
29 9	292	3110	2478	2470	2397	73	2969	860	820	40	535	86
29 56	187	2179	1488	1488	1439	49	2188	626	610	16	444	59
29703	107	1316	1049	880	859	21	1166	385	365	20	270	36
30 1	69	651	541	541	504	37	563	132	122	10	106	4
30 2	113	1692	1355	1355	1254	101	1485	407	353	54	327	25
30 5	105	1341	1076	1076	1007	69	1210	379	325	54	299	12
30 6	43	565	465	465	419	46	537	201	189	12	123	14
30 8	230	2374	1909	1905	1799	106	2346	759	734	25	529	99
30 13	102	657	519	519	502	17	631	185	173	12	124	5
30 16	995	7525	5368	5352	5090	262	7728	2752	2583	169	1814	137
30 19	12	426	285	285	277	8	419	133	117	16	112	8
30 61	49	750	526	526	510	16	677	152	128	24	120	38
30 80	8	351	279	279	247	32	275	28	28		28	13
30703	257	2793	2139	2139	2023	116	2858	1002	835	167	683	60
31 1	467	4097	2987	2987	2753	234	4352	1580	1458	122	951	107
31 5	67	1072	790	790	698	92	1035	219	199	20	160	37
31 8	67	1072	790	790	698	92	1035	219	199	20	160	37
31 11	42	473	379	379	347	32	437	89	89		58	13
31 15	42	473	379	379	347	32	437	89	89		58	13
31 23	70	841	626	626	560	66	769	167	150	17	108	24
32 6	58	586	440	440	418	22	536	150	145	5	114	16
32 7	146	998	802	802	750	52	1050	334	318	16	244	47
32 11		131	118	118	118		111	18	18		8	
32 18		131	118	118	118		111	18	18		8	
32 21	146	1129	920	920	868	52	1161	352	336	16	252	47
32 25		131	118	118	118		111	18	18		8	
32 32	12	85	68	68	68		79	8	8		8	12
32 38	36	817	610	610	528	82	718	130	113	17	96	33
32 54	12	85	68	68	68		79	8	8		8	12
32 58	12	85	68	68	68		79	8	8		8	12
33 9	73	1936	1627	1614	1439	175	1822	584	511	73	443	53
33 12	563	5633	4501	4475	4180	295	5679	2074	1878	196	1388	136
33 14	96	1202	1036	1036	979	57	1054	184	166	18	133	40
33 29	96	1202	1036	1036	979	57	1054	184	166	18	133	40
33 50		202	178	173	175	3	108	8	4	4	8	3
33701	96	1404	1214	1209	1154	60	1162	192	170	22	141	43
34 13	25	923	573	573	524	49	833	161	157	4	137	48
34 48	3827	13683	11529	11485	11160	325	14320	4878	4720	158	3256	210
34702	626	3859	3000	2982	2821	161	3869	1265	1226	39	940	113
34703	897	6837	5045	5041	4799	242	7053	2282	2163	119	1455	253
34705	677	4281	3107	3094	2916	178	4410	1620	1496	124	1053	170
34706	48	529	440	440	404	36	530	199	179	20	143	34
34709	92	1367	1015	1015	954	61	1373	419	388	31	306	61
35 1	18	335	274	274	229	45	320	51	51		37	24
35 21	43	620	515	515	480	35	596	201	195	6	154	4
35 55	18	335	274	274	229	45	320	51	51		37	24
36 8	119	1352	979	979	900	79	1278	414	382	32	324	48
36 29	311	3111	2215	2215	2095	120	3369	1099	997	102	726	166
36 40	569	3488	2518	2514	2393	121	3681	1441	1353	88	880	119
36 48	118	1020	702	702	632	70	1065	297	265	32	203	46
36701	70	1286	920	920	884	36	1229	362	331	31	288	59
36705	261	2661	1915	1915	1761	154	2567	709	651	58	530	94
36707	94	1563	1100	1100	972	128	1341	307	256	51	207	79

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 7
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V83	V84	V85	V86	V87	V88	V89	V90	V91	V92	V93	V94	V95	V96
1 5	236	290	364	386	499	295	339	158	137	215	57	23	4764	3422
1 16	8	20	49	30	57	58	16	24	12	23		4	408	294
1 30	8	25	19	44	21	12	8	4		22		4	270	160
1 61	68	118	107	138	97	134	88	43	55	50	13		1087	484
2 7	21	19	20	12	16	24	12	32	21	23	8	9	258	304
2 17	81	124	123	127	212	128	97	87	28	102	32	16	1907	1221
2509	292	554	652	912	893	757	682	421	357	811	247	101	7442	6434
2701	56	55	31	31	98	57	49	28	24	21	3		962	493
3 3	97	131	163	295	352	321	292	179	144	372	174	49	4446	791
3 7	104	95	160	182	283	368	374	375	247	772	301	192	4578	1911
3 53	74	97	79	97	120	96	55	37	20	24	10	7	1380	194
3 62	206	253	226	389	579	499	250	227	159	288	62	4	5584	560
3115	73	135	157	178	337	296	291	190	98	278	48	21	3324	575
3701	265	276	251	264	324	327	176	107	83	153	36		4608	403
3702	173	171	236	238	266	163	117	98	48	94	49	15	2949	294
3704	134	166	154	217	197	221	117	86	36	48	16	3	2548	186
		6 4	03	1057	1525	1585	1278	859	706	1334	368	101	16157	5440
3706	136	129	188	196	196	199	134	94	34	70	45	4	2607	304
4 1	239	240	380	454	461	400	334	258	189	327	84	28	5987	2897
4 4	28	42	38	68	62	44	19	15	12	4	8	4	679	278
4 5	20	37	31	84	82	73	60	75	8	37	4		1130	360
4 8	15	12	12	16	8	8	11	3	7	4	8	4	212	81
	1	23	12	23	18	33	12	4	19	7	4	3	374	103
4 30	84	119	91	147	191	110	134	88	39	98	18		1804	1138
4701	232	285	331	279	389	318	249	163	90	235	68	12	3957	2313
5 47	101	83	58	106	63	55	39	16	36	35	12		1155	477
5502	137	139	139	227	255	244	208	97	87	158	28		3208	1713
5703	107	74	107	180	159	107	66	52	38	39	27		1806	923
5704	108	90	174	200	230	259	156	72	52	104	35	4	2430	1397
5705	103	76	86	153	151	83	60	19	35	43	24		1735	629
6 8	84	116	129	336	379	268	217	179	125	259	69	4	2995	2578
6 9	268	468	455	747	1100	865	587	424	310	520	99	34	8550	6952
	2	1 7	06	309	462	453	322	181	137	265	48	28	3829	2917
6 31	18	29	50	96	65	53	39	28	9	57	4		560	504
6 41	79	133	131	244	254	147	167	132	84	164	30	4	2298	1971
6 54	88	105	129	195	150	123	73	62	54	85	41		1524	1322
7600	130	175	221	394	333	297	248	211	80	226	56	28	3578	2430
8 2	37	66	88	130	157	138	81	41	36	81	25		895	758
8 4	2	13	3			4	6	5			5		62	14
8 12	50	89	78	153	258	199	163	96	54	79	30	10	1059	933
8 17	29	53	57	167	109	100	100	105	95	139	8	7	1111	881
8 23	19	27	57	23	70	44	60	71	26	34	34	8	445	448
8701	54	102	93	216	290	222	218	118	81	116	30	10	1519	1162
9 1	270	330	324	611	670	555	485	293	217	329	72	51	5940	4340
9 6	40	25	57	54	79	38	37	12	22	30	5	9	591	374
9 15	40	25	57	54	79	38	37	12	22	30	5	9	591	374
9701	180	149	206	273	288	193	143	113	75	155	22	12	2575	1956
10 1	114	123	242	319	312	171	115	81	64	119	16	16	2812	2337
10 4	433	541	580	1024	1175	1153	867	616	468	809	191	57	10478	9228
10 8	155	157	210	355	404	333	282	174	133	193	39	19	3322	3109
10 12	25	73	40	73	144	117	88	59	59	95	11	16	1043	809
10 15	88	54	122	142	185	103	98	69	40	40	8	4	1434	1242
10 19	155	157	210	355	404	333	282	174	133	193	39	19	3322	3109
10 21	41	65	65	95	142	60	24	12	12	12		4	900	601
10 22	36	57	62	96	186	128	56	59	48	37	16	3	1260	1144

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 7
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ID	V83	V84	V85	V86	V87	V88	V89	V90	V91	V92	V93	V94	V95	V96
10 32	73	64	57	112	127	96	43	28	16	8	12		1255	699
10 34	73	64	57	112	127	96	43	28	16	8	12		1255	699
10 45	69	51	42	60	55	50	36	37	8	40			727	463
10 70	155	157	210	355	404	333	282	174	133	193	39	19	3322	3109
10 77	88	54	122	142	185	103	98	69	40	40	8	4	1434	1242
10116	41	65	65	95	142	60	24	12	12	12		4	900	601
10125	57	52	69	89	95	65	32	39	24	40	9		660	632
10130	114	123	242	319	312	171	115	81	64	119	16	16	2812	2337
10713	84	117	128	186	183	177	133	104	61	120	13		2128	1241
11 3	8	17	24	22	51	24	18	20	20	32	24	8	354	229
11 25	12	35	86	69	66	45	12	22	17	49	21	12	927	214
12 4	31	20	70	72	58	68	20	58	4	32	9	4	644	529
12 6	48	68	96	129	184	140	101	76	44	92	30	20	1418	1353
12 8	32	48	29	22	20	40	15	12	3	40	8		547	215
12 16	48	68	96	129	184	140	101	76	44	92	30	20	1418	1353
12 17	32	48	29	22	20	40	15	12	3	40	8		547	215
12703	52	73	116	173	241	157	113	96	52	104	42	20	1699	1533
13701	38	36	61	37	16	17	22	12		25	13	4	518	246
13702	83	121	149	203	228	195	163	93	63	147	25		2376	1510
14 1	228	337	353	499	554	451	373	200	159	242	97	24	6051	2968
15 4	83	151	131	192	152	170	124	68	40	108	16	12	1852	1219
15 5	273	224	316	487	446	361	264	157	117	235	76	20	4819	3021
15 6	148	147	173	345	352	317	209	127	85	156	40	20	2812	2789
15 9	155	135	160	224	188	200	156	65	52	120	40	8	2399	1707
15 35	111	115	44	88	170	80	40	24		24	16	4	1170	556
15 40	32	68	68	61	49	32	8	12	8	27		4	554	329
15 59	8	36	28	76	53	52	48	8	8	24	8	4	397	512
15 62	111	115	44	88	170	80	40	24		24	16	4	1170	556
15 91	36	36	24	80	41	16	28	4	4	28	12		452	413
15 94	8		4	12	12	17		8	4	4		4	165	43
15549	642	832	844	1070	1506	1318	994	774	613	931	349	116	13021	11166
16 4	56	71	72	100	114	83	62	24	26	30	21		972	417
16 8		4	10	16	12	9	12	4	9	12	5	4	132	122
16 41	4				8								12	12
16509	54	69	103	175	156	111	133	84	47	96	32		1255	1101
17 7	411	289	349	532	586	464	352	224	186	336	150	30	4379	4796
17600	432	458	467	521	609	446	268	217	112	234	97	36	5894	3716
18600	212	238	324	489	547	386	223	228	139	251	54	36	5482	2909
18702	400	599	767	1199	1264	1318	915	738	500	1012	212	91	11079	9281
19 5	37	63	36	141	66	77	77	58	33	85	4	4	1038	753
19 7	81	113	90	239	230	203	186	138	65	216	37	19	2195	1731
19 11	5	12	29	8	31	14	4	13	9	5			252	105
19 14	4	11	17	4	22	13				14			67	142
19 18	4	9	7		9	17	9			13	10		136	76
19 21	4	9	7		9	17	9			13	10		136	76
19 24	4	11	17	4	22	13				14			67	142
19 25	5	12	29	8	31	14	4	13	9	5			252	105
19 41	37	63	36	141	66	77	77	58	33	85	4	4	1038	753
20 1	65	49	36	108	111	108	74	45	60	219	81	24	1543	1256
20 4	797	1221	1475	1959	2929	2398	2029	1580	1128	2265	700	370	24381	19985
20 19	467	405	521	1087	1419	1245	752	609	395	575	161	62	11258	9220
20 28	111	109	110	208	261	149	91	57	28	68	12	4	2057	1395
20 32	36	31	46	90	126	114	53	49	24	68	20	4	936	855
20 40	127	122	235	290	246	203	150	105	87	136	18	16	2392	1748
20 45	261	241	266	502	484	321	263	176	131	155	23	15	4323	3503

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 7
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V83	V84	V85	V86	V87	V88	V89	V90	V91	V92	V93	V94	V95	V9
20 52	108	141	173	262	379	371	252	127	100	201	67	8	2614	197
20 66	36	51	56	100	120	63	49	61	32	44	22	4	1201	47
20 68	9	17	38	20	53	36	35	32	16	20		4	234	16
20 69	117	131	114	194	300	196	143	79	57	87	16	16	2261	160
20 71	63	51	44	88	84	70	71	47	13	45	12	8	1039	57
20 76	32	48	79	203	251	206	160	131	108	132	54		1639	165
20 79	99	92	154	181	219	174	144	118	32	104	9	8	1912	147
20 90	36	42	33	99	101	64	37	20	23	15	4	8	852	45
20 97	125	126	67	770	801	266	537	810	518	23	323	4	1939	157
20117	32	48	79	203	251	206	156	131	108	127	54		1611	162
21600	712	564	741	935	1013	679	457	417	266	438	177	47	8591	602
22 95	87	61	67	94	96	62	41	21	8	18	4	8	955	54
22124	81	60	51	137	110	93	46	55	27	32		4	1235	34
22129	81	60	51	137	110	93	46	55	27	32		4	1235	34
2	122	114	146	171	217	124	95	60	32	96	30	8	2554	88
22701	293	299	298	609	907	553	300	236	147	304	98	21	6791	504
22702	224	247	278	469	490	348	201	145	97	170	20	17	4887	296
22705	41	44	74	83	82	46	48	47	13	36	11	4	1160	26
22708	458	339	528	819	1067	856	617	472	274	589	131	50	9034	589
23 2	4	39	16	34	36	8	8			8	7	4	338	9
23 8	254	244	329	339	377	270	160	102	121	232	35	8	3884	275
23 11	8	28	51	27	20	11	12	12		24	4	4	311	24
23 26	105	103	91	144	107	116	87	16	13	58	12	20	1526	107
23 29	44	32	62	48	48	23	12	12	8	22	4		659	29
23 61	59	119	72	90	59	39	43	20	8	28	4		1075	49
23 66	8	28	51	27	20	11	12	12		24	4	4	311	24
23 81	4	39	16	34	36	8	8			8	7	4	338	9
23701	4	39	16	34	36	8	8			8	7	4	338	9
23703	130	159	195	225	97	78	42	47	32	87	8		2093	133
24 14	127	96	148	160	148	87	84	45	20	70	30		1864	91
24 15	103	119	111	68	95	90	48	32	24	36	8	8	1554	45
24 24	1280	1382	1543	2126	2365	2364	2014	1451	1074	1907	595	1872	87922	145
24 45	50	24	23	50	36	24	23	16	11	20			737	20
24 50	51	55	70	50	65	16	46	20	10	10			1097	30
24103	158	149	190	206	217	124	66	75	21	63	8		2354	124
24123	40	53	40	63	79	60	28	7	24	17	8		631	45
24701	236	233	171	381	403	255	215	103	122	188	45	15	4187	248
24704	171	148	168	276	301	245	160	115	79	127	20	24	3733	137
24705	166	150	244	266	217	147	120	73	52	109	40	8	2791	157
24707	328	351	360	391	360	294	183	177	63	114	48	8	6200	242
25 1	73	68	144	179	147	116	98	84	65	131	49	12	2153	91
26 1	6030	7069	8232	10944	14186	13539	11624	9055	6674	13320	3677	1904	88035	163
26 3	222	229	227	431	759	641	511	375	301	562	110	63	6849	311
26 7	58	59	59	52	81	98	79	70	24	72	26	4	1162	31
26 39	73	32	43	107	97	89	83	29	12	62			1080	20
26 40	488	642	678	1190	1753	1657	1374	1027	656	1147	207	27	16852	857
26 46	73	32	43	107	97	89	83	29	12	62			1080	20
26 51	32	7	34	70	64	88	85	69	36	118	86	117	1533	55
26702	556	513	713	925	1603	1579	1242	958	595	944	191	61	13397	601
27 2	263	286	295	339	385	358	263	161	116	184	56	4	4878	242
27 13	283	264	318	400	365	340	252	189	165	237	61	32	4065	213
27 21	78	100	107	125	122	100	96	44	32	75	20		1713	79
27 34	55	23	87	130	107	66	29	44	21	19			1103	49
27 36	32	25	69	62	61	54	41	40	25	49	12	9	780	15
27 57	59	53	55	70	76	84	57	28	8	20	4		931	37

APPENDIX B. BASIC CENSUS DATA FOR EACH SCHOOL DISTRICT PART 7
(SEE TABLE 4 FOR KEY TO VARIABLE NUMBERS)

ID	V83	V84	V85	V86	V87	V88	V89	V90	V91	V92	V93	V94	V95	V96
27 62	59	53	55	70	76	84	57	28	8	20	4		931	372
28700	18	53	77	41	131	68	41	25	30	111	49	13	1166	322
29 9	141	138	154	353	321	329	196	170	91	163	109	45	3671	2255
29 56	124	177	167	244	276	213	121	74	48	108	29		2683	1591
29703	110	111	103	147	138	79	52	48	17	76	8		1616	673
30 1	17	36	54	61	70	44	37	32	16	37	49	20	663	547
30 2	57	77	129	212	183	157	97	65	68	90	48	12	1752	1635
30 5	34	57	104	175	140	145	81	44	56	78	44	12	1403	1307
30 6	23	31	33	49	75	86	48	27	16	16	8		385	492
30 8	127	138	130	269	279	235	166	132	82	133	12	4	2629	2345
30 13	28	47	28	70	76	48	41	25	29	58	17	8	820	477
30 16	209	289	420	643	747	683	502	396	306	584	206	71	6992	6790
30 19	33	42	48	46	27	36	21	20	8	25	4		653	285
30 61	45	78	81	63	89	63	53	20	21	25		4	934	501
30 80	23	20	25	37	43	12	16	21	12	12	4		349	328
30703	248	180	289	278	294	232	118	163	78	133	53	28	3758	1732
31 1	213	204	291	370	462	345	273	190	182	301	64	16	4795	2943
31 5	94	87	129	115	92	65	24	36	32	16	11		1175	874
31 8	94	87	129	115	92	65	24	36	32	16	11		1175	874
31 11	33	64	51	56	32	28	20	12	5	29			594	326
31 15	33	64	51	56	32	28	20	12	5	29			594	326
31 23	81	66	72	76	81	48	51	32	8	28	9		1042	510
32 6	28	68	69	48	63	28	33	24	12	28	8	4	795	362
32 7	35	89	114	96	141	76	48	52	20	65	8		1246	771
32 11	8	8	22	17	16	8	8			4			132	94
32 18	8	8	22	17	16	8	8			4			132	94
32 21	43	97	136	113	157	84	56	52	20	69	8		1378	865
32 25	8	8	22	17	16	8	8			4			132	94
32 32		20	15	8						9			128	25
32 38	55	36	60	100	80	86	41	19	20	36		8	926	639
32 54		20	15	8						9			128	25
32 58		20	15	8						9			128	25
33 9	106	130	166	179	244	240	156	120	35	78	23	11	1794	1395
33 12	234	324	364	444	591	585	498	344	202	428	96	45	5240	3965
33 14	57	47	130	146	141	65	82	70	36	77	3	8	1429	757
33 29	57	47	130	146	141	65	82	70	36	77	3	8	1429	757
33 50	11		19	24	8	12				8			207	119
33701	68	47	149	170	149	77	82	70	36	85	3	8	1636	876
34 13	95	73	113	86	86	50	29	14	11	12	25	4	1221	29
34 48	210	361	578	723	1148	1393	1378	1055	828	2054	841	386	15760	3650
34702	128	163	162	343	394	346	410	265	208	373	83	30	4765	855
34703	470	428	508	691	764	690	411	242	183	475	117	32	8994	594
34705	184	324	278	382	434	339	281	172	139	237	86	24	5185	382
34706	28	51	40	72	62	25	29	18	12	24	11		851	64
34709	85	63	123	152	150	99	96	64	35	85	4		1871	181
35 1	23	28	33	47	50	15	13	23	4	14			304	230
35 21	4	24	48	68	98	52	63	22	36	39	4		529	456
35 55	23	28	33	47	50	15	13	23	4	14			304	230
36 8	103	138	142	163	109	92	63	31	20	40	3		1797	887
36 29	302	222	267	359	295	253	189	124	64	141	26	27	3708	1867
36 40	133	197	199	334	320	275	259	160	130	224	54	29	3513	2692
36 48	90	83	80	97	144	101	32	27	24	43	12	4	1400	698
36701	129	102	109	150	141	56	98	47	16	28	12	16	1901	556
36705	230	221	267	272	225	177	136	107	53	119	19	17	3501	1332
36707	115	95	120	172	173	106	55	81	29	45	8		1878	865

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V1	V2	V3	V4	V5	V6	V7	V8
1 511	77.43	86.04	2.03	87.59	73.19	64.61	58.42	22.61
1 1612	66.91	75.68	2.03	85.24	72.30	59.14	55.11	11.97
1 3012	42.57	55.46	0.00	100.00	72.02	37.53	28.46	21.75
1 6112	70.40	74.94	20.37	75.60	56.52	59.80	52.18	17.49
2 712	82.05	82.72	2.49	97.50	47.21	57.80	57.39	12.62
2 1711	58.99	80.63	5.02	93.32	50.62	67.95	50.43	21.78
250911	86.10	94.44	3.20	76.14	43.76	54.02	76.98	20.41
270133	62.50	73.49	4.08	93.29	61.18	64.60	44.86	32.65
3 311	85.06	92.99	.87	94.86	43.31	78.34	68.70	16.23
3 711	91.65	97.28	.09	96.25	28.93	77.04	100.46	25.26
3 5312	58.15	67.19	1.05	99.03	60.43	65.43	31.05	35.46
3 6211	82.44	91.11	.85	90.66	64.26	65.76	59.39	15.55
311511	85.44	81.73	4.37	95.79	35.65	65.20	71.63	17.21
370132	74.58	82.98	1.32	96.59	60.42	71.08	48.24	32.64
370232	57.98	61.75	1.36	98.01	52.56	36.22	56.38	15.98
370432	76.66	84.23	2.11	98.99	55.50	70.63	49.94	13.95
370531	88.04	91.55	3.86	94.04	35.11	72.47	79.13	17.36
370632	75.67	76.95	4.02	99.80	53.56	64.86	50.15	24.12
4 111	75.34	85.80	1.02	68.85	68.53	51.40	59.57	18.62
4 412	71.13	70.78	.69	99.30	77.14	42.78	31.54	12.51
4 542	81.21	93.35	.57	94.94	56.07	72.54	56.78	17.94
4 813	59.52	59.52	0.00	100.00	67.46	47.22	33.50	28.28
4 1143	83.02	84.87	1.44	98.55	55.11	63.83	50.00	25.00
4 3012	73.67	90.05	.45	96.76	61.06	56.96	57.67	14.56
470132	75.05	91.90	.30	93.94	61.86	47.28	62.02	17.71
5 4712	76.77	86.35	.40	97.55	79.63	63.95	48.75	20.97
550211	82.93	91.08	.46	91.20	68.21	65.11	59.28	16.15
570333	70.98	76.09	.57	88.87	65.97	66.66	53.55	19.41
570432	71.03	84.72	1.40	97.40	48.30	72.01	60.36	19.50
570533	70.26	74.30	.30	96.24	74.48	63.89	43.54	33.67
6 811	74.26	88.54	2.46	84.97	54.46	60.49	71.59	18.41
6 911	73.01	85.36	2.81	83.08	46.15	61.53	67.39	19.75
6 1311	78.58	86.19	1.40	78.70	40.19	59.47	73.59	19.39
6 3112	54.68	67.97	15.59	72.82	53.16	55.02	61.01	17.75
6 4111	66.63	79.82	3.28	88.22	55.19	58.21	57.42	26.06
6 5411	51.13	75.86	2.79	95.57	42.48	62.56	80.00	19.84
760011	67.21	81.96	3.00	88.09	35.60	58.58	64.05	17.08
8 211	73.72	82.57	8.34	83.12	31.62	64.07	63.49	17.66
8 443	83.89	78.81	3.17	96.82	60.46	26.27	52.00	41.87
8 1212	83.65	85.13	14.63	69.33	26.36	60.10	81.98	17.88
8 1711	69.35	84.19	3.80	85.02	26.09	62.74	78.22	18.83
8 2343	84.78	86.18	13.86	81.72	25.44	68.47	61.40	14.56
870133	80.04	83.01	13.66	72.97	26.75	61.80	80.65	19.88
9 111	75.03	84.67	1.75	91.10	63.13	63.16	66.10	20.25
9 612	64.69	58.42	3.11	94.38	59.34	42.43	47.88	18.50
9 1543	64.69	58.42	3.11	94.38	59.34	42.43	47.88	18.50
970132	86.26	83.41	2.57	85.69	41.85	62.74	67.17	16.77
10 112	68.29	79.73	2.05	71.37	32.32	62.25	60.56	17.03
10 411	83.09	89.59	4.80	85.59	31.37	65.12	73.61	18.98
10 812	72.61	81.98	3.85	90.05	21.79	62.12	67.89	18.12
10 1211	79.04	80.63	10.72	85.80	21.47	55.34	54.88	24.24
10 1512	64.54	73.39	2.85	91.21	41.59	52.98	48.83	18.47
10 1911	72.61	81.98	3.85	90.05	21.79	62.12	67.89	18.12
10 2112	67.02	70.84	3.36	92.43	30.27	65.12	45.61	20.13
10 2211	79.00	86.24	1.22	94.80	41.78	60.18	63.36	14.94

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V1	V2	V3	V4	V5	V6	V7	V8
10 3212	58.37	79.31	.50	95.69	49.30	65.27	55.10	22.71
10 3412	58.37	79.31	.50	95.69	49.30	65.27	55.10	22.71
10 4543	43.19	61.67	3.12	96.87	47.50	77.23	58.75	26.44
10 7012	72.61	81.98	3.85	90.05	21.79	62.12	67.89	18.12
10 7712	64.54	73.39	2.85	91.21	41.59	52.98	48.83	18.47
1011611	67.02	70.84	3.36	92.43	30.27	65.12	45.61	20.13
1012543	61.77	80.28	3.87	81.21	43.45	44.76	61.95	17.91
1013011	68.29	79.73	2.05	71.37	32.32	62.25	60.56	17.03
1071332	68.26	79.77	3.56	79.35	43.55	50.91	64.30	18.30
11 312	32.27	53.95	6.12	65.64	64.74	35.66	31.25	42.06
11 2512	58.81	75.77	1.09	91.35	68.57	46.43	65.00	47.04
12 412	53.07	62.25	2.23	93.28	65.58	34.33	45.73	19.69
12 612	82.44	86.44	4.32	85.50	46.18	60.53	72.37	18.38
12 813	70.42	62.30	.92	89.60	70.00	52.37	48.23	17.15
12 1613	82.44	86.44	4.32	85.50	46.18	60.53	72.37	18.38
12 1713	70.42	62.30	.92	89.60	70.00	52.37	48.23	17.15
1270333	76.29	84.50	4.24	85.17	48.90	58.39	67.41	21.13
1370133	74.21	62.70	2.69	94.80	62.54	45.82	3.33	27.30
1370232	69.54	81.97	2.44	86.48	58.42	54.26	61.27	18.18
14 111	70.78	60.87	.92	89.09	59.18	43.57	63.29	22.51
15 411	77.77	88.11	9.49	86.38	36.76	70.25	69.43	12.93
15 511	78.11	90.15	2.77	81.23	56.25	61.94	63.88	16.09
15 611	66.50	82.10	3.94	92.97	25.46	72.04	59.26	21.34
15 911	70.78	75.22	3.37	90.80	36.70	60.68	45.84	34.59
15 3512	53.59	79.34	2.46	93.65	48.68	67.69	60.14	24.23
15 4043	70.29	58.87	.72	96.74	50.53	58.69	49.16	35.38
15 5912	73.20	63.30	4.41	92.26	37.70	36.50	33.26	28.36
15 6242	53.59	79.34	2.46	93.65	48.68	67.69	60.14	24.23
15 9112	55.80	58.98	3.03	92.80	54.64	52.05	7.50	28.65
15 9443	59.32	46.61	0.00	100.00	82.30	36.44	45.00	33.75
1554911	78.42	88.58	1.59	87.47	45.18	62.32	69.20	20.45
16 412	74.45	78.23	6.91	77.79	18.08	55.89	53.44	21.91
16 843	87.34	66.86	3.14	94.33	53.41	50.60	-1.25	29.95
16 4143	88.34	84.66	2.24	92.13	63.15	18.40	30.00	5.00
1650911	79.91	73.52	6.64	91.16	25.73	48.43	56.39	25.61
17 711	82.19	90.73	2.54	85.68	44.24	64.82	66.41	18.67
1760011	75.57	77.86	3.80	92.52	34.05	67.93	49.28	35.15
1860011	75.66	75.64	2.90	89.99	52.76	49.24	42.98	29.10
1870231	78.52	88.19	1.83	77.22	58.04	56.30	70.12	20.32
19 543	54.25	66.59	3.08	95.51	58.85	56.95	53.47	22.16
19 711	67.22	76.27	3.37	87.04	60.31	53.92	72.83	20.86
19 1113	42.10	46.53	2.45	92.63	83.79	32.40	14.09	19.98
19 1443	55.05	46.46	14.35	82.56	61.88	40.40	27.69	19.30
19 1843	62.20	54.06	7.64	92.35	54.65	34.30	27.50	58.18
19 2143	62.20	54.06	7.64	92.35	54.65	34.30	27.50	58.18
19 2443	55.05	46.46	14.35	82.56	61.88	40.40	27.69	19.30
19 2543	42.10	46.53	2.45	92.63	83.79	32.40	14.09	19.98
19 4143	54.25	66.59	3.08	95.51	58.85	56.95	53.47	22.16
20 111	83.39	86.31	2.90	95.41	35.31	75.21	61.56	22.57
20 411	85.80	92.90	.93	79.63	37.87	61.96	72.34	19.97
20 1911	81.31	92.64	3.69	91.64	25.01	70.30	73.35	16.59
20 2811	69.39	67.42	2.89	93.87	42.01	75.47	43.84	17.00
20 3212	54.65	73.26	5.78	84.62	32.87	52.65	52.92	21.28
20 4011	72.51	83.33	12.40	81.88	36.43	70.41	60.98	15.92
20 4511	83.66	88.51	2.32	92.98	47.50	66.52	59.86	19.04

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V1	V2	V3	V4	V5	V6	V7	V8
20 5211	82.91	91.79	2.19	96.47	26.06	75.55	68.32	20.40
20 6612	76.75	71.80	2.76	97.23	34.19	71.57	37.60	36.76
20 6811	54.91	88.66	14.03	75.68	29.60	40.05	56.66	19.25
20 6911	79.90	85.75	2.45	92.44	51.60	67.27	62.01	20.39
20 7112	80.09	80.21	4.41	89.81	31.83	62.37	49.24	35.00
20 7611	86.28	92.16	9.55	79.52	24.42	53.78	71.88	17.42
20 7912	77.52	85.87	9.15	89.95	44.01	67.77	64.31	17.20
20 9012	64.74	76.44	.61	97.06	54.25	63.30	49.44	19.94
20 9711	66.85	81.53	3.16	90.65	26.52	59.86	63.17	18.89
2011712	86.10	92.71	9.71	79.49	23.26	54.38	72.54	16.41
2160011	75.27	88.14	2.89	90.78	42.35	54.41	62.68	17.59
22 9512	74.55	74.55	.95	97.25	54.81	67.62	51.62	19.10
2212443	51.68	86.48	0.00	97.63	49.38	66.77	60.75	18.25
2212912	51.68	86.48	0.00	97.63	49.38	66.77	60.75	18.25
2255211	74.20	85.58	.70	94.07	68.96	67.93	45.58	32.00
2270131	84.19	90.12	1.15	95.01	35.79	69.66	64.35	15.67
2270231	73.75	78.36	1.15	97.67	25.14	62.52	52.26	22.65
2270533	86.44	87.40	1.27	95.54	69.80	65.23	54.87	16.22
2270831	79.89	93.72	1.95	89.61	43.71	67.14	68.63	19.57
23 243	74.86	52.11	2.04	95.90	65.53	42.32	22.50	32.25
23 811	86.32	81.07	2.89	86.09	44.96	57.83	61.99	20.96
23 1143	72.39	51.83	4.97	95.02	43.85	52.67	-7.89	6.05
23 2611	79.92	75.33	2.00	92.59	50.36	53.92	44.52	33.71
23 2942	92.48	71.19	.71	92.18	48.15	56.88	20.83	24.67
23 6112	77.13	69.67	2.86	96.63	53.25	53.79	32.30	24.05
23 6613	72.39	51.83	4.97	95.02	43.85	52.67	-7.89	6.05
23 8143	74.86	52.11	2.04	95.90	65.53	42.32	22.50	32.25
2370133	74.86	52.11	2.04	95.90	65.53	42.32	22.50	32.25
2370332	72.43	69.00	1.49	91.76	49.75	57.94	50.86	21.26
24 1412	46.22	58.24	2.01	93.01	44.03	48.93	51.25	27.67
24 1511	66.90	82.13	1.12	96.45	69.60	68.27	46.12	20.43
24 2411	74.63	89.09	1.63	85.37	42.74	64.73	91.39	18.64
24 4512	59.64	68.73	1.07	81.68	63.77	52.63	42.12	29.20
24 5043	82.70	88.52	0.00	99.33	62.37	71.91	48.50	33.34
2410311	65.94	82.36	1.17	95.06	61.74	71.36	60.59	15.81
2412312	54.23	65.70	1.74	97.26	41.82	35.85	53.09	13.60
2470133	49.96	77.93	2.39	93.69	41.37	68.08	127.88	31.54
2470432	57.53	72.44	.94	94.45	40.23	58.28	63.45	17.29
2470532	53.92	65.00	1.85	94.00	46.07	55.01	49.12	21.65
2470731	71.65	83.85	.38	93.62	69.25	68.92	51.57	20.21
25 111	68.39	81.43	2.86	88.24	65.52	54.72	58.61	24.55
26 111	85.62	89.99	0.60	72.47	67.97	59.66	69.09	22.15
26 311	90.97	97.09	2.12	92.44	33.74	73.61	79.36	17.10
26 711	81.18	87.91	.57	94.29	42.98	56.89	65.32	22.63
26 3912	71.20	85.29	3.28	95.50	61.84	56.01	55.52	19.52
26 4011	88.33	95.96	1.86	98.33	31.76	78.05	84.50	17.15
26 4643	71.20	85.29	3.28	95.50	61.84	56.01	55.52	19.52
26 5142	91.29	96.43	0.00	95.91	47.21	79.87	88.15	27.19
2670231	80.75	87.86	4.20	97.46	27.16	75.50	73.54	20.44
27 211	63.91	81.78	.95	93.47	60.95	64.85	55.00	20.54
27 1311	72.86	82.89	1.39	83.79	53.16	57.23	62.09	17.03
27 2113	74.17	87.08	.32	99.25	56.39	74.58	48.70	23.68
27 3443	49.37	79.17	.40	97.45	53.30	61.37	41.89	15.95
27 3643	80.13	88.86	.69	99.30	44.14	75.68	58.69	13.55
27 5712	16.81	55.45	1.09	97.12	65.06	50.19	45.35	13.68

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V1	V2	V3	V4	V5	V6	V7	V8
27 6212	16.81	55.45	1.09	97.12	65.06	50.19	45.35	13.68
2870033	66.89	92.09	9.37	86.89	76.94	49.26	54.64	38.62
29 911	73.85	90.12	2.95	84.95	50.74	56.90	66.69	17.39
29 5611	61.17	82.56	.94	94.40	60.00	49.79	54.67	20.57
2970333	71.15	82.85	1.22	96.33	47.89	45.49	61.31	19.12
30 113	62.40	75.78	3.09	96.28	62.80	48.72	58.50	41.19
30 212	88.25	77.77	3.05	92.53	49.85	51.41	58.73	12.35
30 512	92.70	92.53	4.18	90.66	41.51	62.06	64.52	21.15
30 612	57.09	93.07	2.33	86.01	21.36	32.57	80.00	16.69
30 811	87.27	88.92	2.16	94.42	21.06	63.47	57.68	17.80
30 1313	81.18	79.59	5.33	93.21	64.35	52.82	38.88	32.53
30 1611	80.93	88.42	2.47	76.34	53.29	52.06	68.81	19.58
30 1912	64.73	68.65	3.92	95.29	63.73	45.52	53.43	13.56
30 6112	90.04	84.84	1.17	95.31	51.38	65.80	42.22	34.17
30 8013	79.19	47.72	.72	96.39	67.25	29.72	46.57	35.40
3070332	75.22	80.22	2.53	94.30	61.44	60.05	61.04	14.77
31 111	76.92	86.87	2.28	79.10	80.23	61.61	61.94	18.05
31 512	70.81	79.23	2.00	90.46	79.32	64.54	46.36	32.07
31 812	70.81	79.23	2.00	90.46	79.32	64.54	46.36	32.07
31 1112	39.28	85.47	.94	99.05	87.67	70.00	33.33	31.75
31 1512	39.28	85.47	.94	99.05	87.67	70.00	33.33	31.75
31 2312	52.37	69.23	.91	90.21	66.51	62.89	38.40	21.89
32 612	87.69	84.08	.57	97.69	59.71	52.96	65.86	15.78
32 713	77.77	82.60	2.03	90.05	70.72	57.70	63.28	18.97
32 1143	47.42	38.28	8.37	91.62	63.38	36.57	22.50	25.26
32 1843	47.42	38.28	8.37	91.62	63.38	36.57	22.50	25.26
32 2112	73.80	76.79	2.92	90.27	69.74	54.94	61.23	21.31
32 2543	47.42	38.28	8.37	91.62	63.38	36.57	22.50	25.26
32 3213	33.81	41.72	2.61	97.38	81.45	47.48	-5.00	28.75
32 3843	62.08	75.82	3.07	92.69	65.37	61.59	59.52	15.75
32 5443	33.81	41.72	2.61	97.38	81.45	47.48	-5.00	28.75
32 5843	33.81	41.72	2.61	97.38	81.45	47.48	-5.00	28.75
33 911	76.06	84.20	12.13	82.31	35.11	63.98	62.50	16.37
33 1211	71.50	84.73	5.04	79.62	48.18	60.69	70.48	20.27
33 1442	63.33	72.08	4.11	93.86	62.17	46.44	55.00	22.27
33 2912	63.33	72.08	4.11	93.86	62.17	46.44	55.00	22.27
33 5043	61.29	55.64	9.32	90.67	82.20	28.22	44.66	32.73
3370133	62.99	69.41	4.94	93.35	65.33	43.48	53.03	22.68
34 1311	45.83	56.54	1.09	100.00	60.51	55.15	31.11	27.11
34 4811	92.98	96.66	1.48	93.47	19.46	77.97	94.91	25.40
3470231	88.23	94.71	2.64	97.60	33.71	77.27	79.82	23.34
3470331	74.26	82.00	1.33	95.87	47.23	65.89	59.83	22.39
3470531	68.51	89.71	1.34	89.08	51.69	66.61	58.83	15.48
3470633	40.26	77.09	.76	100.00	62.97	67.55	50.38	36.64
3470933	76.91	84.63	1.74	99.62	58.59	71.99	58.30	16.96
35 113	62.65	67.46	7.10	89.08	51.14	48.67	36.47	27.35
35 2112	66.60	82.16	3.87	87.68	66.49	31.81	50.51	9.25
35 5513	62.65	67.46	7.10	89.08	51.14	48.67	36.47	27.35
36 812	68.29	87.07	.64	94.80	66.12	67.09	49.91	9.24
36 2911	80.92	90.07	.82	94.42	63.51	70.78	59.93	19.68
36 4011	74.54	93.52	2.00	90.51	51.93	63.32	60.40	18.52
36 4812	73.09	90.53	.74	98.31	58.80	61.03	46.19	20.33
3670133	73.03	85.98	.76	96.87	71.54	68.54	46.66	17.38
3670533	66.13	80.89	.60	96.69	64.55	63.94	53.73	12.94
3670733	60.17	79.22	1.61	96.83	54.23	61.54	44.72	15.41

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V9	V10	V11	V12	V13	V14	V15	V16
1 511	9.63	13.53	87.63	89.52	28.51	8447.95	4109.92	99.53
1 1612	10.02	9.01	100.00	100.00	22.83	4166.66	2842.26	99.64
1 3012	37.25	13.23	100.00	100.00	28.20	4642.85	2485.11	99.57
1 6112	14.91	12.35	100.00	100.00	21.96	4561.40	2672.14	99.86
2 712	17.60	9.02	100.00	100.00	25.19	4090.90	2727.27	100.00
2 1711	7.23	10.44	97.18	97.55	32.59	7798.80	3365.04	99.61
250911	6.10	5.32	96.66	97.33	22.05	13727.46	4140.59	95.07
270133	8.43	12.83	100.00	99.28	25.26	5066.66	2701.96	99.89
3 311	7.74	11.83	86.48	89.25	24.50	12671.05	5043.28	99.72
3 711	6.57	6.96	87.97	89.07	24.91	17738.54	6186.87	99.77
3 5312	20.52	11.92	100.00	99.20	30.95	6637.93	2764.87	99.59
3 6211	7.03	13.18	95.65	96.33	25.40	9068.90	3307.12	99.58
311511	18.09	7.33	86.89	88.45	24.64	11671.53	3351.28	99.44
370132	11.79	14.95	98.76	98.14	26.80	9731.70	3355.21	99.65
370232	51.65	9.82	96.83	97.53	22.27	7713.23	3517.46	98.74
370432	9.10	10.94	98.57	98.99	29.44	7444.44	3064.15	99.62
370531	8.29	8.99	88.09	88.72	24.72	12188.70	4080.01	99.18
370632	15.97	10.46	92.98	93.84	25.22	7769.51	2831.96	99.03
4 111	15.38	17.97	86.83	88.29	28.12	8677.41	3743.26	90.76
4 412	25.91	19.95	100.00	100.00	30.84	4184.21	2801.16	99.05
4 542	8.38	14.85	97.59	97.42	21.44	8437.50	3689.41	99.58
4 813	31.74	20.88	100.00	100.00	20.27	2894.73	1447.36	100.00
4 1143	24.72	9.66	93.89	95.06	19.13	7336.95	2378.95	100.00
4 3012	25.98	10.29	98.50	98.06	28.32	7055.18	2652.14	99.59
470132	33.82	8.96	98.89	98.79	27.28	8195.96	3555.52	99.53
5 4712	18.85	13.15	99.37	99.52	24.88	3352.09	1708.52	99.28
550211	8.65	13.24	79.38	84.11	22.91	7557.78	2708.56	99.57
570333	15.76	11.87	99.49	99.61	23.70	6862.74	2538.87	99.81
570432	8.53	9.43	91.66	92.87	28.89	9318.18	3190.37	99.67
570533	16.02	20.29	98.04	98.29	31.25	5838.06	2860.63	99.77
6 811	6.86	7.62	96.89	97.59	27.29	10557.59	3686.36	99.75
6 911	8.42	5.43	95.72	96.76	25.69	9273.99	3725.71	99.32
6 1311	12.70	5.40	93.22	94.90	24.75	10345.70	3423.45	99.22
6 3112	5.11	6.41	98.62	99.00	27.68	5065.78	2964.71	98.21
6 4111	9.10	8.70	95.80	96.25	22.64	8720.33	3774.92	99.67
6 5411	12.96	7.92	98.32	98.03	23.39	7836.36	3616.27	99.46
760011	11.81	5.50	98.41	98.84	26.86	8778.62	3782.88	99.54
8 211	5.98	7.19	99.35	99.05	27.52	9217.55	4863.05	99.74
8 443	49.15	7.54	100.00	100.00	23.07	17500.00	1250.00	77.84
8 1212	6.24	3.39	99.65	99.05	25.89	11661.58	4694.45	99.91
8 1711	9.19	2.91	100.00	100.00	24.52	11210.76	3579.98	99.38
8 2343	8.69	2.10	96.57	97.34	22.54	11340.57	4898.02	99.39
870133	7.52	3.79	99.73	99.26	25.35	11076.92	4689.24	99.77
9 111	13.52	9.87	85.66	89.54	27.07	8954.36	4398.11	99.45
9 612	36.40	9.82	97.11	98.17	36.71	3467.74	1996.43	99.56
9 1543	36.40	9.82	97.11	98.17	36.71	3467.74	1996.43	99.56
970132	11.22	4.45	99.35	99.54	29.48	10098.03	3669.89	99.22
10 112	9.37	3.81	95.52	405.32	3.03	7001.95	2629.72	99.50
10 411	6.48	4.91	94.54	95.27	25.69	10665.35	3707.18	99.45
10 812	10.93	3.19	97.45	97.66	25.49	7848.10	3508.65	99.59
10 1211	11.42	3.20	98.92	99.18	24.04	8675.00	4162.94	99.18
10 1512	15.12	4.23	97.34	96.56	29.83	6885.96	2373.71	99.41
10 1911	10.93	3.19	97.45	97.66	25.49	7848.10	3508.65	99.59
10 2112	8.03	6.07	97.83	97.43	17.94	7125.00	3145.83	99.09
10 2211	12.82	7.32	100.00	100.00	42.53	8352.27	4020.20	99.89

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V9	V10	V11	V12	V13	V14	V15	V16
10 3212	9.97	7.67	100.00	100.00	25.92	5619.04	3098.23	99.92
10 3412	9.97	7.67	100.00	100.00	25.92	5619.04	3098.23	99.92
10 4543	6.22	11.31	95.32	96.47	24.64	12142.85	5000.00	99.35
10 7012	10.93	3.19	97.45	97.66	25.49	7848.10	3508.65	99.59
10 7712	15.12	4.23	97.34	96.56	29.83	6885.96	2373.71	99.41
1011611	8.03	6.07	97.83	97.43	17.94	7125.00	3145.83	99.09
1012543	30.68	6.49	100.00	100.00	29.56	8303.57	3556.54	99.33
1013011	9.37	3.81	95.52	405.32	3.03	7001.95	2629.72	99.50
1071332	23.00	6.66	100.00	100.00	31.34	9223.43	3555.10	99.33
11 312	18.28	7.62	91.47	93.01	18.01	11590.90	6041.66	98.76
11 2512	19.11	9.56	93.93	95.53	26.33	9512.98	4117.69	99.00
12 412	30.53	8.33	100.00	100.00	29.46	4188.03	3157.53	99.81
12 612	8.98	8.64	100.00	100.00	28.82	9255.05	3881.45	99.54
12 813	24.15	12.07	97.75	96.89	31.00	4360.46	3066.13	99.90
12 1613	8.98	8.64	100.00	100.00	28.82	9255.05	3881.45	99.54
12 1713	24.15	12.07	97.75	96.89	31.00	4360.46	3066.13	99.90
1270333	9.97	7.99	100.00	100.00	26.93	8005.05	4402.57	99.42
1370133	24.11	12.81	100.00	100.00	15.78	2500.00	1250.00	99.31
1370232	12.19	8.93	100.00	99.39	23.43	9445.18	3398.74	96.98
14 111	34.58	10.45	96.61	97.42	27.34	8777.62	3722.35	96.64
15 411	7.26	8.52	93.79	94.58	25.41	8304.92	3749.00	99.72
15 511	11.07	10.33	99.56	99.08	33.19	11222.42	3481.26	99.44
15 611	8.05	5.62	96.15	96.01	27.90	9217.32	3371.40	99.74
15 911	18.49	7.00	97.48	97.05	26.38	8406.25	4083.16	99.25
15 3512	14.83	12.09	100.00	99.25	35.62	6773.50	2499.27	99.52
15 4043	24.78	6.06	97.80	98.47	30.50	6428.57	2714.28	99.45
15 5912	27.57	3.72	98.57	98.96	27.57	5500.00	3416.66	100.00
15 6242	14.83	12.09	100.00	99.25	35.62	6773.50	2499.27	99.52
15 9112	28.08	11.57	98.81	99.11	25.36	4027.77	2832.34	99.54
15 9443	32.20	5.00	100.00	100.00	18.18	3750.00	2187.50	100.00
1554911	8.50	6.35	92.31	92.77	26.45	11703.19	3902.36	98.99
16 412	17.06	1.61	99.02	99.34	32.34	7968.75	3100.81	98.49
16 843	31.92	11.65	100.00	100.00	21.21	21388.88	8012.15	100.00
16 4143	73.61	13.79	100.00	100.00	0.00	11730.76	1634.61	99.23
1650911	15.91	4.52	74.00	80.89	26.51	8948.27	3889.08	71.39
17 711	8.53	4.17	95.61	96.29	26.71	9746.25	3581.63	99.29
1760011	13.90	5.13	97.00	97.31	27.28	8985.75	3901.79	99.50
1860011	23.91	9.34	97.19	96.84	26.11	7054.36	3474.35	90.72
1870231	8.67	6.48	92.36	92.81	27.56	10724.52	3694.49	90.08
19 543	24.06	5.65	100.00	100.00	23.30	6239.49	3197.64	99.59
19 711	18.40	6.96	99.00	99.23	22.74	9034.85	3680.01	99.25
19 1113	39.33	17.67	100.00	97.47	21.84	8709.67	3024.19	99.51
19 1443	30.30	5.79	100.00	100.00	18.18	7500.00	1250.00	99.75
19 1843	27.32	6.83	100.00	100.00	33.87	7500.00	1250.00	97.12
19 2143	27.32	6.83	100.00	100.00	33.87	7500.00	1250.00	97.12
19 2443	30.30	5.79	100.00	100.00	18.18	7500.00	1250.00	99.75
19 2543	39.33	17.67	100.00	97.47	21.84	8709.67	3024.19	99.51
19 4143	24.06	5.65	100.00	100.00	23.30	6239.49	3197.64	99.59
20 111	5.42	5.66	94.89	95.45	30.38	10939.22	3283.76	99.87
20 411	4.26	5.42	91.18	91.95	26.45	12600.53	3595.56	97.43
20 1911	6.25	3.39	92.20	93.25	26.14	9537.07	3157.57	98.92
20 2811	5.49	9.34	99.14	99.37	27.15	6223.40	2747.13	99.44
20 3212	7.30	6.84	99.20	99.45	30.68	8780.00	3306.10	99.57
20 4011	5.94	3.45	95.70	96.11	25.72	8096.67	3717.64	98.85
20 4511	7.31	8.63	88.22	91.12	25.81	8690.06	3503.39	99.58

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V9	V10	V11	V12	V13	V14	V15	V16
20 5211	5.46	3.88	93.80	94.66	25.65	11486.35	3730.95	99.56
20 6612	11.85	6.00	96.30	97.33	27.96	7864.96	2726.96	98.95
20 6811	24.68	3.75	100.00	100.00	25.20	9140.62	3590.79	100.00
20 6911	8.50	9.07	98.47	98.98	33.50	8944.44	3506.36	99.82
20 7112	12.86	6.02	100.00	98.14	35.23	5940.17	3410.00	99.34
20 7611	9.03	2.00	99.61	99.41	23.59	8178.10	3289.19	99.69
20 7912	12.14	7.72	94.56	95.54	23.62	9313.72	3854.37	99.69
20 9012	12.98	11.81	100.00	100.00	34.62	6433.82	2839.72	99.56
20 9711	13.57	6.19	99.22	98.97	29.51	8430.23	3524.70	99.78
2011712	9.10	2.02	99.61	99.40	23.71	8187.08	3309.53	99.80
2160011	21.70	5.89	98.99	99.13	24.34	8418.12	3583.29	98.54
22 9512	15.53	17.23	89.89	90.58	33.90	7361.11	1689.81	99.11
2212443	12.72	10.85	97.42	98.09	26.14	6525.22	2652.06	99.39
2212912	12.72	10.85	97.42	98.09	26.14	6525.22	2652.06	99.39
2255211	10.66	21.47	96.36	96.76	27.13	6950.75	3055.66	99.94
2270131	8.07	7.92	95.28	96.45	28.85	9121.73	3495.25	99.83
2270231	15.33	4.81	99.29	99.21	25.93	7154.86	2738.59	99.53
2270533	6.85	17.79	94.98	93.57	28.75	7034.88	3875.41	99.95
2270831	6.34	7.77	90.67	92.10	25.14	11190.47	3486.99	99.72
23 243	32.27	4.97	100.00	100.00	36.64	7708.33	5587.99	98.82
23 811	13.38	6.83	98.16	98.68	27.90	10971.07	4062.76	91.32
23 1143	27.60	11.98	100.00	100.00	22.77	3888.88	2777.77	99.41
23 2611	17.25	5.73	100.00	100.00	29.33	9906.83	4125.84	97.17
23 2942	22.00	12.93	100.00	100.00	34.49	7500.00	2250.00	85.16
23 6112	18.77	13.59	100.00	100.00	32.65	11666.66	4166.66	94.46
23 6613	27.60	11.98	100.00	100.00	22.77	3888.88	2777.77	99.41
23 8143	32.27	4.97	100.00	100.00	36.64	7708.33	5587.99	98.82
2370133	32.27	4.97	100.00	100.00	36.64	7708.33	5587.99	98.82
2370332	19.49	5.75	99.57	99.69	28.92	7911.76	3045.50	96.77
24 1412	33.60	8.06	101.65	100.09	32.36	5102.33	2580.99	99.71
24 1511	12.57	15.71	90.58	89.09	26.81	6409.09	3065.82	99.45
24 2411	7.55	6.32	88.36	87.74	27.38	11412.62	3626.32	98.75
24 4512	14.69	.58	54.69	43.69	30.40	8125.00	1875.00	99.03
24 5043	10.10	21.50	101.31	99.05	28.13	8870.96	2921.14	99.94
2410311	6.86	13.09	63.89	59.16	35.41	7829.21	2402.00	99.31
2412312	43.31	8.85	100.00	100.00	23.40	5480.76	2845.12	99.87
2470133	11.21	9.53	80.85	83.45	24.87	9718.39	3672.21	97.78
2470432	26.19	13.12	69.36	71.01	25.40	8263.31	3443.45	99.70
2470532	27.32	10.35	97.35	95.88	30.01	5508.62	2735.29	99.27
2470731	13.41	17.98	83.23	79.20	26.25	7379.41	2507.75	99.87
25 111	17.09	13.22	100.00	99.30	29.30	9086.95	3849.03	99.89
26 111	5.80	12.46	84.87	85.61	25.98	11154.54	3431.58	94.92
26 311	5.52	6.39	87.36	88.60	24.20	11168.06	3330.53	98.72
26 711	10.94	6.91	100.00	99.29	23.69	9219.51	4282.75	97.34
26 3912	12.27	11.77	92.39	90.25	28.59	9144.73	3237.01	99.09
26 4011	4.06	6.49	89.06	89.46	21.09	10422.34	3230.58	98.16
26 4643	12.27	11.77	92.39	90.25	28.59	9144.73	3237.01	99.09
26 5142	4.29	7.22	93.34	88.90	27.80	18763.44	8067.73	99.05
2670231	8.68	5.49	90.00	90.83	21.26	11972.80	3006.62	98.79
27 211	11.16	10.47	97.74	97.88	28.65	7545.45	3916.85	99.63
27 1311	17.06	9.87	94.83	93.38	28.27	9138.49	4046.25	99.43
27 2113	12.00	13.67	100.00	99.72	28.73	9434.52	4625.57	99.49
27 3443	15.31	7.70	90.86	93.21	32.94	4586.20	2758.08	95.34
27 3643	7.87	7.16	98.88	90.52	27.41	14228.39	3851.95	99.36
27 5712	15.53	8.48	93.64	95.60	30.79	3586.95	2131.27	99.56

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V9	V10	V11	V12	V13	V14	V15	V16
27 6212	15.53	8.48	93.64	95.60	30.79	3586.95	2131.27	99.56
2870033	12.20	14.80	100.00	100.00	25.07	8052.32	3270.48	99.42
29 911	14.55	9.39	76.82	78.60	27.16	9040.06	3597.56	99.63
29 5611	33.06	6.83	99.64	99.74	28.78	6749.47	2951.50	99.24
2970333	35.45	9.40	94.32	92.82	24.51	7125.74	2333.73	99.66
30 113	13.83	13.35	96.61	94.28	32.57	11219.51	5613.79	99.36
30 212	22.39	9.40	95.79	95.64	25.59	9335.93	3775.17	99.09
30 512	9.78	8.76	94.84	94.75	26.86	9684.95	3663.03	99.08
30 612	44.83	3.08	100.00	100.00	36.85	7720.58	3833.44	94.91
30 811	9.97	4.04	98.36	98.77	25.02	9367.81	3548.74	98.52
30 1313	17.94	14.16	98.89	99.20	27.83	8377.65	4585.74	98.40
30 1611	9.98	7.42	88.49	88.34	24.74	12281.44	4413.58	88.67
30 1912	37.31	22.99	100.00	100.00	27.83	6100.00	2947.02	96.57
30 6112	9.52	9.20	99.09	99.31	24.14	5163.55	2738.07	99.85
30 8013	48.07	11.82	100.00	100.00	19.35	4034.09	3803.97	99.10
3070332	15.27	14.51	95.15	95.34	24.62	9694.44	3768.65	99.62
31 111	9.37	14.05	99.15	99.16	24.51	9137.04	3755.83	99.19
31 512	12.84	12.75	100.00	99.50	31.39	4480.39	3029.33	99.33
31 812	12.84	12.75	100.00	99.50	31.39	4480.39	3029.33	99.33
31 1112	8.09	21.09	100.00	100.00	30.19	5307.01	2769.34	99.92
31 1512	8.09	21.09	100.00	100.00	30.19	5307.01	2769.34	99.92
31 2312	15.49	19.64	97.56	98.36	33.06	6015.62	2912.76	99.66
32 612	30.39	15.36	100.00	100.00	31.17	7343.75	4165.53	99.66
32 713	18.60	18.07	94.68	95.18	22.05	9422.04	4008.80	99.73
32 1143	41.71	17.75	100.00	100.00	26.86	17500.00	1250.00	99.36
32 1843	41.71	17.75	100.00	100.00	26.86	17500.00	1250.00	99.36
32 2112	21.63	18.04	95.09	95.58	22.45	9475.80	4070.36	99.70
32 2543	41.71	17.75	100.00	100.00	26.86	17500.00	1250.00	99.36
32 3213	35.97	15.00	100.00	100.00	9.43	7500.00	1250.00	100.00
32 3843	14.96	11.17	100.00	100.00	31.01	7534.48	3111.93	99.59
32 5443	35.97	15.00	100.00	100.00	9.43	7500.00	1250.00	100.00
32 5843	35.97	15.00	100.00	100.00	9.43	7500.00	1250.00	100.00
33 911	15.31	7.24	85.87	89.13	23.08	10333.96	3483.86	98.64
33 1211	10.25	9.57	84.26	88.07	24.90	12059.39	3763.74	97.70
33 1442	22.51	14.06	99.29	99.44	22.28	6546.61	3072.95	97.23
33 2912	22.51	14.06	99.29	99.44	22.28	6546.61	3072.95	97.23
33 5043	40.72	10.95	100.00	100.00	23.76	2500.00	1250.00	100.00
3370133	25.47	13.67	99.37	99.51	22.46	6207.62	3130.03	97.56
34 1311	24.20	15.57	94.54	95.83	23.67	4786.32	2704.51	99.22
34 4811	6.42	4.77	87.26	88.66	23.74	14583.71	4462.95	99.68
3470231	7.03	8.04	82.43	85.51	26.71	12615.91	4271.23	99.44
3470331	11.63	13.58	86.06	88.00	25.67	10072.70	3939.86	99.58
3470531	8.02	10.75	94.10	94.76	29.52	9297.49	3321.33	99.58
3470633	13.35	13.87	100.00	100.00	30.15	6718.75	3141.74	99.59
3470933	10.29	13.83	91.09	93.78	33.71	9271.84	3419.76	99.71
35 113	21.92	3.16	100.00	100.00	35.04	5428.57	2868.13	99.80
35 2112	12.93	3.55	100.00	100.00	31.50	8669.35	2896.11	99.94
35 5513	21.92	3.16	100.00	100.00	35.04	5428.57	2868.13	99.80
36 812	10.51	13.78	99.32	99.12	35.22	5128.20	3070.01	99.80
36 2911	8.99	11.68	91.25	92.36	26.41	7996.55	3108.61	99.78
36 4011	7.98	8.49	89.35	90.81	24.62	10603.14	3576.74	99.45
36 4812	14.56	12.91	96.54	97.04	24.61	6341.46	2293.38	99.40
3670133	14.08	16.53	92.93	94.98	29.04	6377.31	2636.93	99.47
3670533	15.77	12.56	98.57	96.54	30.03	6901.54	4576.29	99.54
3670733	15.15	8.16	90.39	90.82	32.31	4827.58	2762.95	95.65

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V17	V18	V19	V20	V21	V22	V23	V24
1 511	12.56	45.00	93.33	99.60	91.83	32.21	20.57	92.62
1 1612	15.54	41.71	97.80	100.00	93.98	31.48	19.78	96.78
1 3012	9.38	42.65	90.82	100.00	100.00	28.65	18.54	92.66
1 6112	9.21	34.00	96.73	100.00	95.50	29.89	18.64	96.47
2 712	14.82	34.81	93.44	100.00	100.00	26.03	17.99	94.92
2 1711	15.46	46.18	92.47	100.00	95.93	25.85	18.01	93.41
250911	6.32	28.13	97.48	94.13	97.56	23.32	13.44	93.75
270133	19.06	53.86	93.21	100.00	93.89	31.41	20.26	93.35
3 311	9.48	48.62	95.52	99.81	95.57	30.92	18.73	95.42
3 711	4.47	38.93	96.95	99.89	97.57	30.34	17.50	97.06
3 5312	16.84	51.82	87.14	99.50	85.78	31.29	20.19	86.52
3 6211	14.18	51.00	95.35	99.62	94.84	30.58	19.45	94.94
311511	10.02	48.01	95.91	99.81	94.46	31.77	19.29	95.33
370132	14.88	58.32	97.43	99.79	95.94	33.49	20.73	96.87
370232	19.52	47.74	92.93	100.00	89.93	29.61	19.38	92.11
370432	16.13	50.05	92.43	100.00	91.65	31.42	19.61	92.23
370531	9.58	44.49	96.08	99.78	95.19	30.27	18.51	95.66
370632	15.53	50.58	90.57	99.54	92.97	28.94	19.26	90.84
4 111	16.31	49.54	93.08	77.76	94.63	33.97	19.79	78.80
4 412	20.00	58.13	98.96	98.21	93.27	33.94	19.49	96.28
4 542	9.70	59.22	94.66	98.68	92.40	29.57	17.74	93.09
4 813	20.61	46.59	97.16	100.00	100.00	35.31	21.12	97.61
4 1143	12.66	62.33	95.26	95.48	89.87	32.44	18.84	90.62
4 3012	14.64	50.75	94.57	95.35	95.51	32.95	19.83	91.77
470132	14.69	45.96	94.47	97.95	93.64	39.20	21.80	92.89
5 4712	16.45	53.62	93.27	100.00	94.27	34.12	22.00	93.53
550211	16.48	52.38	96.87	100.00	94.69	30.10	19.61	96.22
570333	15.72	53.81	92.60	100.00	97.08	31.09	19.79	93.57
570432	16.62	46.28	95.14	99.74	94.53	30.13	19.34	94.81
570533	22.80	54.20	95.21	100.00	100.00	34.54	20.25	96.27
6 811	10.01	40.46	95.60	100.00	97.67	27.68	17.85	96.13
6 911	13.61	40.64	94.36	96.99	89.54	27.28	17.60	90.98
6 1311	12.50	42.09	96.12	96.20	93.05	28.91	18.26	92.60
6 3112	17.86	35.94	90.07	100.00	91.30	26.83	17.07	90.32
6 4111	11.88	42.09	94.77	100.00	93.41	27.61	18.23	94.48
6 5411	13.41	39.78	93.05	100.00	97.09	28.31	18.94	94.03
760011	13.21	42.66	88.82	100.00	91.58	28.32	18.16	89.68
8 211	13.18	28.71	95.70	98.40	97.57	27.69	17.94	94.90
8 443	6.79	41.89	79.06	100.00	84.00	45.00	19.48	80.88
8 1212	10.21	25.45	93.98	100.00	92.55	27.49	17.06	93.59
8 1711	10.21	33.58	91.43	100.00	84.23	27.98	18.23	89.45
8 2343	11.89	27.95	92.56	100.00	92.13	30.35	18.54	92.45
870133	11.45	29.54	92.33	100.00	87.68	27.06	17.20	91.08
9 111	11.14	40.81	88.81	99.91	90.85	31.50	19.16	89.44
9 612	13.37	41.01	85.40	100.00	77.50	29.27	19.10	83.21
9 1543	13.37	41.01	85.40	100.00	77.50	29.27	19.10	83.21
970132	10.36	41.80	94.98	100.00	93.96	32.10	19.28	94.64
10 112	14.64	45.59	91.44	99.56	89.66	24.68	17.40	90.76
10 411	10.84	37.98	93.72	99.96	93.19	28.52	18.02	93.54
10 812	15.69	36.51	92.07	99.84	94.70	23.98	16.66	92.56
10 1211	10.21	40.64	86.59	100.00	90.99	24.19	16.81	87.50
10 1512	15.08	43.21	91.03	100.00	90.61	27.47	17.53	90.93
10 1911	15.69	36.51	92.07	99.84	94.70	23.98	16.66	92.56
10 2112	13.15	43.56	84.27	100.00	97.97	25.75	17.57	87.42
10 2211	15.35	49.41	93.29	100.00	89.77	26.35	17.98	92.43

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 3

(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V17	V18	V19	V20	V21	V22	V23	V24
10 3212	15.09	55.82	95.89	100.00	92.79	28.59	18.99	95.46
10 3412	15.09	55.82	95.89	100.00	92.79	28.59	18.99	95.46
10 4543	9.48	47.54	92.39	100.00	100.00	27.58	18.61	94.01
10 7012	15.69	36.51	92.07	99.84	94.70	23.98	16.66	92.56
2	15C0	43.21	91.03	100.00	90.61	27.47	17.53	90.93
1011611	13.15	43.56	84.27	100.00	97.97	25.75	17.57	87.42
1012543	17.24	32.90	95.57	98.00	91.09	29.73	18.33	93.04
1013011	14.64	45.59	91.44	99.56	89.66	24.68	17.40	90.76
1071332	14.56	45.57	94.85	98.93	86.49	29.42	18.07	91.90
11 312	10.85	38.02	100.00	100.00	100.00	29.56	18.66	100.00
11 2512	8.35	52.97	96.65	77.22	92.91	26.25	17.96	79.74
12 412	10.92	44.66	84.97	100.00	83.55	30.19	18.99	84.61
12 612	10.47	38.49	88.11	99.65	95.13	29.74	18.48	90.04
3	13.07	55.03	87.97	100.00	75.80	31.66	18.96	86.10
12 1613	10.47	38.49	88.11	99.65	95.13	29.74	18.48	90.04
12 1713	13.07	55.03	87.97	100.00	75.80	31.66	18.96	86.10
1270333	9.91	38.52	86.89	99.72	94.20	28.76	18.39	88.73
1370133	12.02	39.84	99.02	100.00	100.00	32.10	18.61	99.20
1370232	12.18	45.22	94.65	92.03	94.77	27.64	18.14	89.30
14 111	13.00	50.26	92.54	99.89	88.47	31.95	19.52	91.24
15 411	11.24	43.36	90.59	100.00	90.80	32.61	19.79	90.65
15 511	8.98	42.90	90.90	99.60	93.53	30.15	19.33	91.46
15 611	11.86	36.34	96.28	99.81	94.49	27.36	17.76	95.67
15 911	18.81	37.45	91.63	100.00	95.99	36.79	21.10	92.66
15 3512	12.41	46.37	91.17	100.00	92.48	36.90	21.02	91.50
15 4043	7.36	46.55	91.05	100.00	96.58	35.07	21.09	92.22
15 5912	11.59	37.38	78.43	100.00	67.39	25.11	17.10	77.35
15 6242	12.41	46.37	91.17	100.00	92.48	36.90	21.02	91.50
15 9112	14.89	37.85	84.30	100.00	96.26	29.05	19.02	86.95
15 9443	7.01	74.66	88.57	100.00	87.50	39.26	19.78	88.32
1554911	9.54	38.90	94.28	99.78	92.99	32.12	19.14	93.74
16 412	12.71	45.20	97.15	100.00	96.87	27.07	17.76	97.08
16 843	3.94	37.39	93.04	100.00	88.23	29.11	17.31	91.94
16 4143	10.00	9.91	100.00	100.00	100.00	40.31	21.63	100.00
1650911	16.08	32.74	95.38	100.00	93.75	22.27	16.38	94.94
17 711	12.43	32.58	89.96	99.78	90.07	33.34	20.49	89.86
1760011	13.10	43.33	88.42	100.00	92.61	32.77	19.99	89.48
1860011	14.05	48.63	92.74	99.43	92.20	29.17	18.23	92.21
1870231	10.04	36.00	93.26	87.60	92.19	27.87	17.56	84.81
19 543	18.03	46.98	87.43	100.00	86.30	27.24	17.59	87.15
19 711	13.50	40.30	89.15	100.00	92.53	28.89	18.21	90.13
19 1113	9.97	44.13	95.89	100.00	100.00	36.66	19.45	96.31
19 1443	12.50	18.40	95.23	100.00	100.00	30.88	18.46	96.03
19 1843	23.31	39.76	97.46	100.00	100.00	31.82	17.89	98.01
19 2143	23.31	39.76	97.46	100.00	100.00	31.82	17.89	98.01
19 2443	12.50	18.40	95.23	100.00	100.00	30.88	18.46	96.03
19 2543	9.97	44.13	95.89	100.00	100.00	36.66	19.45	96.31
19 4143	18.03	46.98	87.43	100.00	86.30	27.24	17.59	87.15
20 111	9.35	43.93	96.72	100.00	86.05	26.36	17.97	93.99
20 411	7.69	35.87	95.89	99.74	94.62	26.90	17.02	95.30
20 1911	11.52	42.63	95.16	99.73	91.22	25.93	17.30	93.89
20 2811	18.15	45.83	91.99	99.67	92.40	26.33	18.38	91.83
20 3212	16.95	41.08	95.62	100.00	93.61	27.29	17.78	95.15
20 4011	14.88	40.08	89.50	99.78	87.39	28.33	18.08	88.85
20 4511	13.08	44.00	90.62	100.00	87.58	27.83	18.44	89.91

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V17	V18	V19	V20	V21	V22	V23	V24
20 5211	10.81	35.33	94.49	99.65	92.37	26.60	17.18	93.68
20 6612	13.51	48.82	90.79	100.00	94.32	26.50	17.83	91.59
20 6811	9.55	26.35	88.52	100.00	95.16	27.77	17.18	89.64
20 6911	12.17	43.80	93.12	100.00	94.56	30.90	19.20	93.49
20 7112	15.58	48.34	89.56	100.00	97.45	26.03	18.03	91.06
20 7611	9.77	33.14	93.24	99.76	91.40	26.70	17.08	92.64
20 7912	9.74	43.17	94.53	100.00	88.07	29.56	18.67	92.95
20 9012	12.38	51.14	92.40	100.00	93.04	30.02	18.59	92.52
20 9711	11.71	41.73	89.26	99.71	90.07	29.63	18.77	89.30
2011712	9.69	32.91	93.14	99.76	91.40	26.55	17.09	92.56
2160011	13.61	39.05	95.46	99.41	94.45	33.09	20.50	94.77
22 9512	17.34	44.73	91.89	100.00	92.91	31.63	20.51	92.17
2212443	14.25	52.89	90.21	100.00	83.89	27.27	18.32	89.04
2212912	14.25	52.89	90.21	100.00	83.89	27.27	18.32	89.04
2255211	12.20	56.39	95.01	100.00	94.59	30.88	20.17	94.90
2270131	10.24	46.95	93.27	100.00	91.42	28.98	18.52	92.80
2270231	14.97	50.10	87.51	100.00	86.86	25.53	17.86	87.36
2270533	10.12	64.91	97.69	100.00	91.78	26.28	18.60	96.39
2270831	9.63	41.93	95.73	99.08	91.45	28.04	18.18	93.86
23 243	9.18	44.82	96.55	100.00	100.00	29.56	17.71	96.87
23 811	12.41	43.05	95.08	99.89	95.58	28.46	18.92	95.18
23 1143	19.67	40.70	98.50	100.00	94.02	30.50	19.12	97.61
23 2611	15.63	44.56	91.81	14.90	93.70	25.75	18.74	17.78
23 2942	11.32	47.37	95.43	100.00	100.00	27.20	18.38	96.61
23 6112	12.09	50.42	100.00	100.00	100.00	25.70	18.90	100.00
23 6613	19.67	40.70	98.50	100.00	94.02	30.50	19.12	97.61
23 8143	9.18	44.82	96.55	100.00	100.00	29.56	17.71	96.87
2370133	9.18	44.82	96.55	100.00	100.00	29.56	17.71	96.87
2370332	15.06	52.10	96.17	100.00	95.45	28.08	19.38	95.97
24 1412	22.26	57.61	89.60	100.00	8.10	18.51	14.23	69.43
24 1511	20.20	55.22	91.91	100.00	87.14	32.98	20.56	90.40
24 2411	14.24	40.99	92.66	99.69	93.24	31.75	19.25	92.72
24 4512	28.57	78.82	72.85	100.00	9.00	14.22	14.84	60.57
24 5043	18.92	102.61	84.87	100.00	45.00	20.13	15.39	73.07
2410311	17.07	47.52	92.97	100.00	92.00	28.30	20.56	92.68
2412312	15.15	44.31	93.97	100.00	80.89	28.66	18.67	90.67
2470133	19.89	48.32	92.25	100.00	90.43	27.42	18.62	91.72
2470432	14.37	55.02	92.80	100.00	88.37	26.80	18.69	91.68
2470532	21.28	41.94	90.91	100.00	90.03	26.58	18.69	90.68
2470731	18.07	58.50	91.00	100.00	82.69	30.48	21.28	88.49
25 111	9.40	49.47	95.53	99.25	95.11	29.91	19.21	94.89
26 111	11.90	49.70	94.12	99.41	95.61	35.94	20.29	94.34
26 311	9.85	44.34	96.00	91.64	94.80	27.95	16.84	89.99
26 711	16.52	44.16	93.24	98.77	95.90	33.76	22.03	9[illegible].18
26 3912	8.56	49.40	96.24	97.94	94.40	31.69	19.00	94.30
26 4011	11.17	45.17	94.46	99.63	94.40	28.32	17.77	94.21
26 4643	8.56	49.40	96.24	97.94	94.40	31.69	19.00	94.30
26 5142	4.34	47.69	95.61	100.00	97.85	24.62	16.71	96.41
2670231	12.10	37.88	94.90	99.37	96.13	25.67	16.84	94.82
27 211	18.80	48.40	92.77	100.00	94.96	30.39	19.32	93.38
27 1311	14.88	39.44	93.75	99.73	90.30	28.86	18.81	92.40
27 2113	18.05	49.78	96.00	100.00	96.49	28.78	18.54	96.13
27 3443	25.78	57.65	91.04	100.00	79.87	28.07	18.94	88.83
27 3643	10.72	49.33	93.72	100.00	91.27	33.34	19.26	93.10
27 5712	16.93	45.06	93.25	100.00	100.00	27.30	17.94	94.38

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V17	V18	V19	V20	V21	V22	V23	V24
27 6212	16.93	45.06	93.25	100.00	100.00	27.30	17.94	94.38
2870033	11.15	53.09	96.08	100.00	94.02	32.20	18.70	95.61
29 911	11.90	45.01	97.04	99.67	95.34	26.92	18.11	96.37
29 5611	13.16	48.50	96.70	100.00	97.44	31.54	20.73	96.92
2970333	14.97	50.97	97.61	83.88	94.80	27.46	18.69	85.35
30 113	12.33	40.32	93.16	100.00	92.42	30.33	19.32	93.01
30 212	9.08	42.70	92.54	100.00	86.73	26.33	17.81	91.20
30 512	8.41	43.49	93.58	100.00	85.75	25.79	17.61	91.54
30 612	7.86	28.14	90.10	100.00	94.02	29.80	19.17	91.29
30 811	9.49	41.49	94.43	99.79	96.70	28.38	18.53	94.94
30 1313	11.51	51.60	96.72	100.00	93.51	31.65	19.13	95.88
30 1611	11.42	36.02	95.10	99.70	93.85	31.91	19.42	94.49
30 1912	14.15	65.62	97.19	100.00	87.96	28.36	19.56	94.25
30 6112	21.93	49.94	96.95	100.00	84.21	30.74	19.22	94.10
30 8013	11.87	39.79	88.53	100.00	100.00	29.54	18.55	89.57
3070332	13.48	51.96	94.57	100.00	83.33	32.85	20.13	90.99
31 111	13.63	44.95	92.16	100.00	92.27	30.39	19.13	92.20
31 512	17.46	48.67	88.35	100.00	90.86	33.05	20.88	88.89
31 812	17.46	48.67	88.35	100.00	90.86	33.05	20.88	88.89
31 1112	6.35	51.65	91.55	100.00	100.00	31.80	20.59	93.16
31 1512	6.35	51.65	91.55	100.00	100.00	31.80	20.59	93.16
31 2312	9.60	48.62	89.45	100.00	89.82	31.03	19.56	89.53
32 612	9.36	58.97	95.00	100.00	96.66	32.70	20.05	95.42
32 713	10.27	45.45	93.51	100.00	95.20	31.64	19.15	94.01
32 1143	4.39	48.00	100.00	100.00	100.00	29.60	18.71	100.00
32 1843	4.39	48.00	100.00	100.00	100.00	29.60	18.71	100.00
32 2112	9.70	45.68	94.34	100.00	95.45	31.45	19.07	94.65
32 2543	4.39	48.00	100.00	100.00	100.00	29.60	18.71	100.00
32 3213	19.17	48.30	100.00	100.00	100.00	32.12	19.17	100.00
32 3843	15.30	46.83	86.55	100.00	86.92	29.11	19.49	86.62
32 5443	19.17	48.30	100.00	100.00	100.00	32.12	19.17	100.00
32 5843	19.17	48.30	100.00	100.00	100.00	32.12	19.17	100.00
33 911	9.80	35.53	89.15	99.20	87.50	27.94	18.03	88.19
33 1211	10.19	36.12	93.40	99.42	90.54	31.57	19.08	92.13
33 1442	14.28	50.47	94.49	100.00	90.21	30.27	19.22	93.85
33 2912	14.28	50.47	94.49	100.00	90.21	30.27	19.22	93.85
33 5043	27.37	53.21	101.15	97.19	50.00	35.87	18.88	96.23
3370133	15.93	50.80	95.45	99.58	88.54	30.90	19.20	94.16
34 1311	25.76	52.81	91.44	100.00	97.51	30.47	20.27	92.77
34 4811	6.71	42.33	97.17	99.61	96.76	28.75	17.33	96.78
3470231	9.39	47.94	94.60	99.40	96.91	30.42	18.97	94.88
3470331	15.48	50.16	95.19	99.92	94.78	29.44	19.67	95.01
3470531	15.34	48.00	94.24	99.58	92.34	29.09	19.39	93.33
3470633	21.08	63.27	91.81	100.00	89.94	30.83	19.63	91.23
3470933	14.83	54.09	93.99	100.00	92.60	32.84	20.64	93.58
35 113	11.19	32.44	83.57	100.00	100.00	29.85	17.99	86.15
35 2112	10.37	35.93	93.20	100.00	97.01	25.86	18.13	94.27
35 5513	11.19	32.44	83.57	100.00	100.00	29.85	17.99	86.15
36 812	18.12	54.40	91.93	100.00	92.27	33.76	20.73	92.03
36 2911	16.76	46.71	94.58	100.00	90.71	34.85	21.46	93.30
36 4011	9.21	39.81	95.18	99.84	93.89	29.07	19.12	94.61
36 4812	15.87	51.58	90.02	100.00	89.22	31.16	19.94	89.78
3670133	14.73	57.43	96.08	100.00	91.43	33.16	20.41	94.77
3670533	17.21	53.03	91.95	100.00	91.81	33.09	20.52	91.92
3670733	21.58	50.89	88.36	100.00	83.38	28.28	18.61	87.27

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V25	V26	V27	V28	V29	V30	V31	V32
1 511	70.03	58.55	18522500	5315.63	2044.34	45.64	6.55	1558.87
1 1612	74.01	72.93	1910000	5666.66	1633.29	37.21	2.98	1717.62
1 3012	78.33	100.00	1027500	4579.54	1723.75	46.33	.87	1439.07
1 6112	79.41	69.89	5252500	5020.61	2019.43	44.66	3.88	1464.31
2 712	76.25	66.19	1737500	6375.00	3102.75	41.12	3.34	2027.42
2 1711	72.27	69.37	7588000	5448.11	2132.84	39.11	5.23	1625.18
250911	64.33	56.39	48322500	5941.20	2243.57	69.58	25.52	4331.52
270133	79.63	56.48	2551000	5382.65	2235.99	38.89	6.10	1286.43
3 311	65.64	52.13	21104000	6671.33	2435.08	56.20	12.94	2083.72
3 711	69.82	66.56	35524000	8337.33	3266.71	73.23	22.26	2701.85
3 5312	80.50	72.08	4014000	4737.11	2010.51	38.88	4.19	1345.62
3 6211	67.25	58.30	20229500	5783.24	1820.19	40.84	6.06	1657.61
311511	68.74	68.41	15397500	6479.72	1921.34	51.33	8.89	1983.70
370132	72.57	69.84	12775500	5035.49	2063.56	40.34	4.78	1471.49
370232	73.42	70.73	9938500	4813.02	1971.37	36.48	4.22	1447.28
370432	74.34	77.08	7651500	4940.09	1890.22	33.27	4.19	1350.90
370531	68.28	69.51	79035000	6477.28	2082.72	52.97	7.92	1931.21
370632	75.05	72.69	8486500	5188.77	1905.94	36.99	4.57	1467.23
4 111	65.35	61.07	22621000	5718.00	2139.73	44.57	5.96	6936.82
4 412	77.43	69.74	1936500	4801.47	1650.26	35.35	5.03	1522.40
4 542	68.26	68.40	3261000	5768.29	1829.76	48.33	4.22	1519.57
4 813	83.53	44.44	774500	4468.75	2752.84	37.45	6.52	1552.10
4 1143	69.39	75.94	1106500	5500.00	2178.44	41.23	0.00	1684.17
4 3012	68.71	69.18	6907500	5463.35	2132.45	41.16	5.63	1738.61
470132	68.14	62.87	16522000	5316.19	2184.84	41.43	5.88	1752.06
5 4712	73.91	77.60	3208500	4400.94	2159.20	33.76	3.56	1350.37
550211	70.84	68.56	10835000	5698.03	1968.96	39.98	5.90	1574.39
570333	77.45	67.15	5441500	4966.66	1724.29	37.52	4.35	1461.98
570432	75.89	73.88	9270000	5610.86	1749.41	39.90	4.37	1572.51
570533	77.04	71.37	4685500	4859.47	1780.53	37.96	5.43	1337.18
6 811	74.14	67.15	15326000	5980.21	1987.24	47.26	6.46	1818.03
6 911	72.78	67.86	38732500	5834.54	1791.39	44.65	6.35	1622.64
6 1311	75.94	74.89	18577500	6078.36	1763.95	48.63	6.55	1797.53
6 3112	79.54	73.18	2824500	5361.53	1752.90	29.43	2.47	1579.69
6 4111	78.47	76.04	10341500	5624.01	2043.82	41.96	5.76	1669.06
6 5411	74.91	65.96	6856000	4987.17	2033.52	40.03	5.69	1581.18
760011	68.13	72.47	16210000	5627.62	2003.84	44.82	7.07	1718.98
8 211	78.03	64.01	5703500	5636.94	1711.03	40.95	3.32	1617.09
8 443	61.81	60.00	259500	6250.00	2761.53	40.77	3.88	1642.40
8 1212	72.98	74.67	8424500	5951.55	1587.37	42.93	5.58	1782.96
8 1711	74.11	69.88	7042500	6560.00	2251.49	44.72	5.40	1868.53
8 2343	74.25	73.03	3727500	6647.72	2367.43	44.00	8.41	2066.24
870133	74.13	73.87	10446500	6011.26	1645.55	42.16	5.03	1783.59
9 111	66.35	66.18	27755000	5733.58	1857.75	50.15	7.40	1706.31
9 612	74.22	65.00	2589500	5234.17	1911.92	35.56	3.67	1594.51
9 1543	74.22	65.00	2589500	5234.17	1911.92	35.56	3.67	1594.51
970132	66.79	67.85	10936500	5255.20	1981.26	45.68	6.98	1600.30
10 112	79.69	69.62	10083000	5000.00	1659.19	33.91	4.93	1433.46
10 411	70.66	66.66	54518000	6095.40	1955.32	46.95	7.45	2605.64
10 812	76.81	68.47	16028500	5706.68	1856.91	38.35	4.50	1526.96
10 1211	78.62	74.77	5853000	6363.24	1929.41	45.43	5.29	1976.69
10 1512	77.30	75.08	5517000	5297.29	1767.14	37.26	6.99	1476.31
10 1911	76.81	68.47	16028500	5706.68	1856.91	38.35	4.50	1526.96
10 2112	74.24	76.35	2736000	4789.47	1456.17	35.20	2.54	1173.24
10 2211	76.34	74.62	4952500	5747.31	1498.51	37.32	3.30	1720.81

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V25	V26	V27	V28	V29	V30	V31	V32
10 3212	86.39	88.28	3362000	4982.14	1683.93	38.41	3.51	1328.85
10 3412	86.39	88.28	3362000	4982.14	1683.93	38.41	3.51	1328.85
10 4543	77.27	75.20	2452000	4766.66	2327.61	43.19	2.67	1428.07
10 7012	76.81	68.47	16028500	5706.68	1856.91	38.35	4.50	1526.96
10 7712	77.30	75.08	5517000	5297.29	1767.14	37.26	6.99	1476.31
1011611	74.24	76.35	2736000	4789.47	1456.17	35.20	2.54	1173.24
1012543	76.35	53.40	3295500	5052.63	1859.86	37.21	4.20	628.19
1013011	79.69	69.62	10083000	5000.00	1659.19	33.91	4.93	1433.46
1071332	75.02	59.29	8118500	5551.91	2049.87	41.39	5.24	1547.56
11 312	67.42	68.98	2295000	6250.00	2645.45	56.09	8.01	2175.35
11 2512	67.44	55.41	3218000	5098.48	2302.58	55.58	6.70	1597.81
12 412	74.90	78.28	2818500	5327.58	1935.71	35.97	5.11	1733.39
12 612	67.82	66.34	7276500	5807.06	1932.13	46.97	6.45	1752.95
12 813	86.45	80.64	1647500	4886.36	2484.89	40.06	3.47	1497.72
12 1613	67.82	66.34	7276500	5807.06	1932.13	46.97	6.45	1752.95
12 1713	86.45	80.64	1647500	4886.36	2484.89	40.06	3.47	1497.72
1270333	70.67	65.03	8715000	5742.73	1876.36	44.81	5.81	1743.00
1370133	81.25	68.37	1702000	3811.47	2325.36	45.69	3.29	1167.35
1370232	69.74	61.26	9361500	5657.89	1931.67	49.93	6.86	1560.51
14 111	70.59	69.51	22390000	5520.75	1921.17	44.76	6.43	1671.51
15 411	72.61	72.80	7715000	5230.26	2046.89	39.79	6.37	1623.52
15 511	68.60	63.11	18671500	5149.10	2019.23	51.84	10.75	1502.61
15 611	73.32	71.33	13592000	5576.70	1714.66	43.83	4.91	1566.07
15 911	75.53	69.13	9282500	5125.00	2107.75	35.09	5.61	1328.91
15 3512	74.24	76.05	3735000	4636.36	1892.45	36.33	4.53	1358.67
15 4043	77.84	90.59	1911500	4139.34	1591.64	39.34	4.07	1477.20
15 5912	91.43	91.30	2259500	5462.26	1534.12	38.75	8.48	1836.99
15 6242	74.24	76.05	3735000	4636.36	1892.45	36.33	4.53	1358.67
15 9112	75.47	66.35	1807500	4506.25	1981.77	30.89	6.20	1372.43
15 9443	76.85	87.50	534500	5875.00	1911.45	56.14	9.35	2293.99
1554911	68.84	62.62	69764000	5969.12	2161.54	51.34	8.35	4602.15
16 412	74.30	79.29	3853500	5157.89	1819.86	44.33	4.96	1567.10
16 843	78.10	76.47	821000	6722.22	2499.13	58.62	7.88	2105.12
16 4143	50.00	33.33	50000	5250.00	1937.50	50.00	20.00	381.67
1650911	73.73	70.43	6993000	5737.17	1899.69	43.93	7.03	1549.52
17 711	68.91	64.68	25658500	5545.22	2107.68	44.66	5.77	4433.05
1760011	73.89	70.39	23011000	4891.55	2033.31	40.70	4.34	1531.71
1860011	76.41	73.85	20063000	5422.30	1905.64	41.05	6.32	1586.00
1870231	67.79	70.19	63306000	6132.39	2029.16	51.05	7.62	6432.88
19 543	75.87	82.98	4487500	5901.51	2001.11	38.18	5.74	1801.48
19 711	70.13	72.90	11589000	6201.97	2024.00	46.03	8.97	1889.30
19 1113	89.47	81.81	731000	5161.29	1727.21	36.56	8.58	1179.03
19 1443	82.47	91.17	493500	5204.54	1587.10	47.41	7.75	1221.53
19 1843	77.77	77.27	645000	6470.58	3730.76	34.08	4.03	1684.07
19 2143	77.77	77.27	645000	6470.58	3730.76	34.08	4.03	1684.07
19 2443	82.47	91.17	493500	5204.54	1587.10	47.41	7.75	1221.53
19 2543	89.47	81.81	731000	5161.29	1727.21	36.56	8.58	1179.03
19 4143	75.87	82.98	4487500	5901.51	2001.11	38.18	5.74	1801.48
20 111	76.53	79.22	8743500	6990.74	3479.32	51.98	7.22	2214.10
20 411	67.15	59.26	142919500	6343.41	2159.28	61.45	15.45	4738.39
20 1911	73.25	70.69	51252500	5900.63	1706.60	44.46	5.26	4137.60
20 2811	80.08	77.88	6841500	5120.68	1663.67	33.92	3.17	1346.75
20 3212	76.64	81.70	4551500	5948.41	1736.29	33.90	4.32	1748.55
20 4011	76.48	65.11	10707500	5266.26	1910.44	38.98	4.59	1609.18
20 4511	77.36	63.75	16545000	5200.41	1808.86	39.81	5.02	1486.79

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V25	V26	V27	V28	V29	V30	V31	V32
20 5211	73.30	72.91	14819500	6051.21	1696.55	49.55	8.13	1772.03
20 6612	76.68	60.30	4207000	5550.00	1977.19	39.77	5.11	1523.17
20 6811	82.06	74.19	1863000	6027.77	1940.62	41.17	3.67	1863.00
20 6911	74.15	67.22	8910000	5436.66	1805.49	40.39	5.09	1558.78
20 7112	79.70	80.89	3807500	5375.00	2210.50	38.52	1.59	1554.71
20 7611	77.08	74.21	10166500	6337.37	1844.36	45.30	6.08	1798.74
20 7912	76.90	71.33	8199500	5529.68	1898.67	47.64	4.85	1644.50
20 9012	81.98	61.73	2876500	5193.06	1467.03	39.06	3.19	1560.77
20 9711	71.55	66.42	33073000	6979.32	1882.11	38.72	5.50	6321.29
2011712	76.79	74.21	10074000	6315.53	1839.41	45.34	6.14	1798.60
2160011	71.64	71.16	39371000	5086.87	2067.15	40.76	5.36	1598.17
22 9512	72.15	72.50	2995000	4553.19	1850.87	35.73	4.39	1266.92
2212443	82.51	75.83	3871000	5118.18	1694.81	37.94	3.38	1461.30
2212912	82.51	75.83	3871000	5118.18	1694.81	37.94	3.38	1461.30
2255211	73.46	61.93	7369000	5000.00	2021.08	44.56	6.10	1469.39
2270131	74.95	73.84	25694000	5480.15	1602.73	44.05	5.42	1583.60
2270231	77.10	70.19	15728500	5197.95	1667.54	34.94	3.46	1425.07
2270533	79.12	59.58	3237500	5146.34	2011.12	41.51	4.77	1617.13
2270831	71.62	68.48	41314000	5813.02	1880.26	50.92	8.15	1386.74
23 243	90.32	79.16	986500	4558.82	1491.45	48.21	6.12	1160.58
23 811	66.18	68.78	14609000	5035.80	1983.94	50.69	5.49	1431.27
23 1143	80.73	68.65	1261500	4277.77	2063.11	36.88	2.45	1470.27
23 2611	72.99	75.59	5246000	4638.88	2130.41	44.19	6.87	1346.50
23 2942	73.29	82.48	1633000	4041.66	1799.47	43.75	1.54	1030.93
23 6112	74.44	73.39	2650000	3861.11	1799.81	34.90	3.34	1093.68
23 6613	80.73	68.65	1261500	4277.77	2063.11	36.88	2.45	1470.27
23 8143	90.32	79.16	986500	4558.82	1491.45	48.21	6.12	1160.58
2370133	90.32	79.16	986500	4558.82	1491.45	48.21	6.12	1160.58
2370332	73.01	79.64	5645000	4066.66	1751.08	39.94	5.00	1246.13
24 1412	97.10	0.00	5762000	4625.00	1992.81	30.67	2.83	1247.72
24 1511	69.51	68.38	4012000	3909.90	2158.66	36.87	4.03	1284.25
24 2411	61.07	49.52	128017000	6057.52	2200.19	49.12	9.40	2099.80
24 4512	97.14	0.00	1476000	4460.00	2407.91	44.02	2.91	947.97
24 5043	81.78	0.00	1900500	4010.00	1795.10	39.56	3.54	1040.22
2410311	70.22	67.40	6525500	4468.44	1746.89	38.81	4.84	1181.51
2412312	77.48	85.35	2320500	5044.30	1816.07	39.73	4.60	1447.59
2470133	71.18	64.78	14541500	5227.04	2093.76	42.32	4.76	1490.21
2470432	75.74	66.35	11366000	5425.24	1868.08	43.83	4.77	1479.17
2470532	73.29	71.04	9298000	4672.93	1928.33	31.08	4.01	1246.21
2470731	71.79	50.58	14510000	4434.78	2050.80	38.73	5.42	1172.05
25 111	75.65	73.46	8227000	5595.23	2342.38	49.42	7.99	1688.97
26 111	62.02	50.15	797091000	6375.91	2270.87	50.54	9.79	1916.13
26 311	68.94	67.16	33037000	6445.39	1972.33	52.94	7.59	1873.90
26 711	70.63	73.72	4716500	6290.81	2260.74	41.30	7.34	1604.25
26 3912	71.70	65.29	3700000	5515.46	1697.11	43.32	3.83	1523.88
26 4011	68.53	66.14	75187000	6311.40	1852.33	47.22	6.04	1757.89
26 4643	71.70	65.29	3700000	5515.46	1697.11	43.32	3.83	1523.88
26 5142	63.99	42.80	9702500	8217.39	4583.75	74.49	33.44	2776.10
2670231	71.15	71.32	68587500	6289.74	1868.57	48.52	6.39	1675.93
27 211	71.81	66.97	16174000	5241.55	2110.42	39.12	5.64	1451.75
27 1311	66.65	65.32	18492000	5321.91	2229.77	49.59	10.65	1609.39
27 2113	73.97	73.68	5380000	5163.93	2087.49	40.12	3.63	1422.52
27 3443	82.22	70.77	3093500	4826.92	1456.17	26.98	1.60	1440.17
27 3643	75.27	77.32	3340000	5598.36	2305.20	50.57	12.45	1915.13
27 5712	82.29	76.72	2784000	5000.00	1999.38	32.79	4.68	1217.31

APPENDIX C. RATIO CENSUS DATA FOR EACH SCHOOL DISTRICT PART 4
(SEE TABLE 5 FOR KEY TO VARIABLE NUMBERS)

ID TC	V25	V26	V27	V28	V29	V30	V31	V32
27 6212	82.29	76.72	2784000	5000.00	1999.38	32.79	4.68	1217.31
2870033	77.79	68.65	5347000	6000.00	3058.66	60.26	10.86	2186.01
29 911	74.51	62.20	15978000	5859.81	1933.86	46.59	6.26	1738.25
29 5611	70.22	70.92	9165500	5177.53	1779.87	42.46	5.28	1477.11
2970333	70.17	70.12	4824500	4697.27	1924.53	40.89	5.68	1355.95
30 113	80.51	80.30	3996000	5950.00	2518.31	51.08	7.15	2116.52
30 212	78.03	80.34	8094000	5601.09	1846.50	44.64	4.52	1712.29
30 512	75.60	78.89	6792000	5778.57	1819.01	46.63	5.19	1824.33
30 612	68.91	61.19	2528000	5840.00	1532.41	51.23	4.83	1625.72
30 811	71.02	69.69	10481000	5501.79	1896.89	45.59	6.11	1475.78
30 1313	74.37	67.02	3405500	5815.78	2254.28	48.62	9.70	1938.24
30 1611	66.33	65.91	37604000	6221.81	2145.12	49.96	7.96	4292.20
30 1912	70.30	84.21	1712000	4608.69	2020.83	37.85	1.78	1545.12
30 6112	79.93	78.94	2947000	4761.90	1927.96	34.78	4.11	1415.46
30 8013	89.81	100.00	1302000	5023.25	2101.87	36.25	1.66	1296.81
3070332	70.78	68.16	12813500	5074.82	2058.81	43.38	5.65	1603.09
31 111	65.37	60.18	19264000	5701.29	2101.20	50.73	7.17	1629.78
31 512	77.81	73.05	3484500	4191.30	1689.81	39.25	4.07	1291.03
31 812	77.81	73.05	3484500	4191.30	1689.81	39.25	4.07	1291.03
31 1112	79.58	65.16	1666500	4187.50	1836.77	57.48	5.93	1312.20
31 1512	79.58	65.16	1666500	4187.50	1836.77	57.48	5.93	1312.20
31 2312	78.87	64.67	2910500	4592.10	2037.87	39.73	5.46	1217.27
32 612	74.24	76.00	2401500	4697.91	2061.44	50.37	6.24	1599.93
32 713	70.22	73.05	4363500	5102.83	1851.42	51.90	8.57	1428.78
32 1143	86.76	44.44	435500	4441.17	1260.65	52.19	0.00	1378.16
32 1843	86.76	44.44	435500	4441.17	1260.65	52.19	0.00	1378.16
32 2112	72.09	71.59	4799000	5031.84	1784.57	51.93	7.74	1424.03
32 2543	86.76	44.44	435500	4441.17	1260.65	52.19	0.00	1378.16
32 3213	89.47	100.00	257000	3000.00	962.50	58.21	8.21	883.16
32 3843	82.37	73.84	3197000	5037.50	1724.12	48.94	3.02	1432.98
32 5443	89.47	100.00	257000	3000.00	962.50	58.21	8.21	883.16
32 5843	89.47	100.00	257000	3000.00	962.50	58.21	8.21	883.16
33 911	73.79	75.85	9086500	5559.42	1831.08	45.94	2.43	1582.73
33 1211	68.99	66.92	28752000	6089.74	2044.79	50.84	6.11	4234.46
33 1442	85.50	72.28	5347500	5219.85	1994.46	40.88	5.25	1677.91
33 2912	85.50	72.28	5347500	5219.85	1994.46	40.88	5.25	1677.91
33 5043	97.76	100.00	414500	4395.83	1231.08	32.31	0.00	984.56
3370133	87.16	73.43	5762000	5110.73	1929.31	39.80	4.59	1597.00
34 1311	76.94	85.09	3140500	3946.90	1777.35	25.69	1.78	1221.50
34 4811	70.27	66.74	103211000	7696.29	2787.18	66.50	16.66	2437.95
3470231	69.70	74.30	21708500	6595.37	2111.06	51.91	10.05	1943.63
3470331	68.93	63.75	31591500	5369.10	2012.78	42.63	8.04	1555.38
3470531	66.09	65.00	18746000	5430.87	2162.07	45.52	10.30	1560.08
3470633	69.29	71.85	2158500	4694.44	1962.74	38.19	5.78	1448.65
3470933	71.08	73.03	5637500	5163.33	1971.00	43.42	4.18	1470.01
35 113	81.78	72.54	1322000	4617.02	1632.73	37.52	3.53	1287.24
35 2112	71.11	76.61	2988000	5846.93	1623.89	45.80	4.74	1762.83
35 5513	81.78	72.54	1322000	4617.02	1632.73	37.52	3.53	1287.24
36 812	70.20	78.26	4437500	4276.07	1744.56	40.16	5.73	1229.90
36 2911	67.75	66.06	13080000	4725.62	2108.39	41.02	5.90	1509.52
36 4011	63.88	61.06	15786000	5732.81	2078.15	55.78	10.87	1627.25
36 4812	70.45	68.35	4125500	4953.60	1873.97	43.01	7.04	1370.59
3670133	72.75	79.55	5030500	4550.00	2029.36	36.16	3.41	1385.43
3670533	73.00	74.75	10301500	4575.36	2043.51	40.36	6.35	1417.18
3670733	79.15	67.42	5383000	4755.81	1859.70	31.44	4.19	1314.85

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V33	V34	V35	V36	V37	V38
1 5	2547.7	13.56	244.28	41.22	12.55	24.13
1 16	177.5	36.18	366.17	82.55	20.13	42.84
1 30	145.3	76.80	315.36	85.55	33.72	44.74
1 61	783.1	24.60	346.97	49.55	17.61	41.89
2 7	231.4	32.07	293.64	52.84	9.07	28.64
2 17	1035.1	15.42	280.75	43.79	12.86	27.33
2509	5802.3	8.25	308.78	37.43	20.38	26.54
2701	491.5	27.46	652.18	50.04	14.94	31.61
3 3	2065.8	11.75	353.40	49.91	18.16	29.55
3 7	3595.0	12.69	344.22	43.18	12.24	30.92
3 53	645.7	16.96	154.55	28.35	9.34	5.97
3 62	3489.0	12.97	320.13	39.94	14.51	26.55
3115	666.0	9.45	244.82	32.40	4.79	21.73
3701	1607.7	11.92	252.14	30.58	10.19	27.89
3702	2074.4	20.61	245.08	36.38	15.19	24.15
3704	1910.9	13.90	271.43	36.27	12.17	27.65
3705	8607.6	16.19	280.78	32.59	12.43	25.73
3706	1530.1	24.82	275.17	41.52	11.73	25.20
4 1	2194.4	12.06	336.73	44.50	20.11	34.17
4 4	449.4	31.85	346.06	57.77	38.64	30.36
4 5	428.5	16.50	283.50	36.65	13.41	27.78
4 8	96.3	16.39	434.27	79.05	23.24	42.98
4 11	98.9	11.29	233.05	35.57	.66	23.16
4 30	641.2	25.86	324.23	56.37	32.07	24.77
4701	1346.1	14.85	290.38	44.32	25.54	26.74
5 47	618.5	20.61	323.80	52.87	29.79	34.03
5502	1983.7	16.52	266.89	40.13	19.64	26.81
5703	1047.6	27.41	261.36	34.76	18.03	32.24
5704	1256.0	17.89	166.63	31.82	14.83	22.96
5705	847.5	10.02	316.63	47.43	16.96	33.65
6 8	1762.7	13.49	323.26	38.86	13.66	27.66
6 9	5705.1	8.83	298.05	44.66	19.00	27.19
6 13	2368.7	12.22	324.49	59.48	16.35	35.90
6 31	401.7	20.93	348.15	61.31	9.36	28.95
6 41	1505.9	20.34	.36	53.04	14.71	36.70
6 54	997.5	19.00	294.09	30.63	16.67	26.30
7600	2325.9	10.11	265.38	36.27	15.24	23.93
8 2	960.3	21.15	327.23	47.01	33.65	30.11
8 4	17.6	33.86	619.99	52.14	34.18	41.94
8 12	174.3	55.57	289.56	49.20	15.11	36.39
8 17	1292.3	15.08	307.84	38.52	8.17	29.88
8 23	45.6	14.33	250.37	41.18	26.92	25.21
8701	948.1	19.66	316.48	43.69	20.15	29.67
9 1	3214.4	11.59	318.96	47.33	15.71	27.36
9 6	231.1	49.80	352.89	57.58	37.59	35.46
9 15	11.6	55.77	543.10	79.26	12.59	48.62
9701	1921.8	21.35	281.72	38.22	14.64	29.29
10 1	552.9	25.81	315.63	43.25	25.73	66.48
10 4	5860.7	10.70	275.00	39.81	16.20	25.69
10 8	380.0	31.48	400.87	73.90	20.92	47.21
10 12	898.1	21.86	356.16	55.75	18.83	52.83
10 15	325.4	39.70	299.58	43.67	33.98	46.89
10 19	1607.1	13.45	280.71	37.03	18.94	29.13
10 21	160.2	63.45	336.36	49.75	21.76	52.62
10 22	727.2	14.48	341.18	45.49	15.52	42.63

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V33	V34	V35	V36	V37	V38
10 32	512.7	7.41	299.78	49.92	23.66	35.41
10 34	241.5	45.31	374.35	66.58	17.97	79.42
10 45	67.8	8.03	315.95	61.35	10.79	59.87
10 70	621.0	26.05	343.40	43.02	28.51	40.55
10 77	597.8	21.02	320.89	41.03	21.94	40.58
10116	1478.0	13.03	299.84	45.72	20.18	39.11
10125	11.4	44.00	484.85	145.52	141.06	141.93
10130	1231.0	18.48	284.29	47.90	12.25	20.23
10713	1269.6	33.15	346.81	58.55	26.58	39.93
11 3	168.9	21.18	377.89	52.42	13.16	33.89
11 25	526.3	32.63	422.20	75.89	47.83	40.27
12 4	383.2	8.72	252.50	35.45	17.18	30.83
12 6	240.7	6.12	277.46	37.86	13.14	23.96
12 8	132.4	10.72	354.10	69.13	34.04	38.11
12 16	104.6	11.47	355.84	77.58	17.20	38.25
12 17	143.3	12.83	313.08	83.68	17.75	36.39
12703	855.0	17.18	285.15	45.78	16.37	28.30
13701	197.9	30.03	500.81	115.40	51.45	58.45
13702	1426.9	11.44	290.97	41.83	14.47	24.23
14 1	3146.2	17.50	303.49	54.37	25.81	29.91
15 4	1304.0	24.51	301.19	46.44	15.56	28.42
15 5	2525.7	12.22	65.38	39.96	14.58	29.03
15 6	2398.0	6.93	164.46	26.58	33.74	26.47
15 9	1229.0	11.89	333.74	51.27	5.20	26.57
15 35	539.3	28.64	307.80	37.76	17.32	29.27
15 40	102.4	7.16	222.41	33.57	12.12	27.12
15 59	279.4	16.95	368.50	59.92	49.00	41.99
15 62	129.5	10.10	255.31	49.48	7.29	32.82
15 91	166.1	24.28	403.84	77.46	28.67	41.29
15 94	28.3	27.18	396.41	85.37	16.50	40.36
15549	7915.8	8.95	330.15	35.92	35.67	27.52
16 4	225.6	49.37	398.13	68.15	24.71	39.96
16 8	18.8	39.28	515.84	76.37	23.62	57.86
16 41	26.9	24.58	356.63	33.97	37.13	35.77
16509	1603.9	24.48	272.22	38.62	9.02	28.33
17 7	4461.3	9.09	296.21	31.52	16.62	25.58
17600	2535.0	10.74	262.55	40.98	25.27	25.07
18600	6066.0	6.32	275.76	30.65	8.57	26.73
18702	1754.1	13.90	315.62	53.72	17.51	27.83
19 5	84.1	15.56	258.63	47.34	19.96	29.32
19 7	1393.8	15.75	288.05	37.86	10.95	26.08
19 11	114.3	22.44	441.17	66.26	83.88	45.63
19 14	40.8	16.61	437.02	120.13	132.50	44.73
19 18	16.0	29.70	631.00	97.95	103.68	58.04
19 21	15.7	41.83	331.82	77.28	5.72	59.17
19 24	20.7	31.65	481.82	57.73	47.01	39.60
19 25	14.9	43.97	457.74	47.65	14.17	44.14
19 41	40.8	20.85	364.71	54.30	6.76	32.38
20 1	757.9	23.20	270.29	42.96	17.44	24.49
20 4	15040.3	10.46	304.02	33.10	18.13	27.07
20 19	7198.5	9.66	273.31	37.89	27.56	23.07
20 28	1301.0	18.44	276.85	46.17	15.93	28.03
20 32	579.2	26.92	336.90	56.61	18.66	33.87
20 40	848.5	31.85	254.16	39.80	4.73	25.25
20 45	2873.3	13.89	313.82	40.54	15.81	26.73

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V33	V34	V35	V36	V37	V38
20 52	2694.0	16.85	320.50	39.24	14.71	29.56
20 66	456.0	24.49	319.90	39.86	6.44	31.93
20 68	754.9	21.02	293.84	36.58	13.33	27.52
20 69	1477.8	12.62	310.81	41.78	9.66	29.54
20 71	660.7	27.52	295.13	57.17	26.55	33.51
20 76	1130.2	21.60	327.10	49.85	16.84	31.29
20 79	279.3	20.45	318.18	60.05	40.39	37.07
20 90	190.6	22.17	400.65	55.14	24.80	35.21
20 97	1216.5	16.28	283.52	30.21	14.70	23.04
20117	248.3	15.95	448.63	79.19	30.36	51.12
21600	5495.0	11.69	304.35	35.09	19.88	25.82
22 95	536.9	17.02	282.00	38.11	12.51	27.68
22124	36.1	12.51	307.05	36.74	.91	51.28
22129	511.1	16.66	348.15	63.74	35.60	40.68
22552	844.1	16.90	296.93	58.94	3.66	32.62
22701	3900.0	12.09	306.72	38.30	12.36	29.63
22702	2732.8	16.70	289.68	45.17	14.43	31.53
22705	546.6	23.45	294.42	43.90	14.66	32.58
22708	5518.2	14.30	284.36	36.49	14.46	22.86
23 2	12.0	22.34	340.04	12.13	5.83	19.87
23 8	2316.4	11.41	278.86	37.44	8.39	24.30
23 11	2.1	128.77	1936.02	122.20	0.00	148.30
23 26	1301.4	11.34	262.60	45.11	7.65	27.37
23 29	111.2	10.34	259.66	43.42	12.67	31.41
23 61	456.7	26.86	276.90	42.42	22.41	26.06
23 66	127.9	69.96	314.69	60.31	11.93	33.88
23 81	37.6	30.18	378.08	44.65	11.80	38.53
23701	125.3	32.81	319.36	33.93	35.03	31.99
23703	1184.7	22.51	265.67	44.95	9.18	27.78
24 14	528.0	28.30	259.56	36.81	17.80	25.31
24 15	761.4	17.71	288.83	38.86	11.43	28.31
24 24	16289.8	7.82	280.98	33.18	9.87	22.35
24 45	167.0	39.62	354.37	74.06	14.75	39.81
24 50	49.9	11.18	201.46	23.90	4.06	18.00
24103	941.5	20.74	287.06	40.46	13.31	24.93
24123	164.1	34.79	287.04	63.86	26.83	36.76
24701	765.5	29.30	294.28	41.06	13.37	25.06
24704	1034.9	26.91	298.78	34.23	7.05	29.75
24705	1325.1	21.68	251.96	40.27	14.43	27.68
24707	2279.4	11.34	251.82	34.07	12.00	25.40
25 1	1165.9	26.09	418.18	69.47	23.88	37.38
26 1	71592.4	12.58	316.95	41.67	18.60	24.04
26 3	4144.5	14.02	311.40	49.59	14.56	26.90
26 7	2122.3	17.87	309.32	46.14	35.65	28.13
26 39	496.1	27.46	340.92	61.52	25.37	25.37
26 40	8106.7	11.78	328.13	48.06	15.01	25.98
26 46	62.7	17.61	336.72	97.90	13.83	40.40
26 51	280.4	7.92	43.56	44.57	26.90	50.41
26702	8380.9	13.48	295.75	42.90	9.29	26.41
27 2	2139.0	16.57	255.25	29.62	14.38	23.01
27 13	1536.8	15.24	262.70	36.67	9.82	26.15
27 21	149.8	11.35	355.35	49.41	9.21	39.62
27 34	26.1	15.29	330.88	43.26	4.96	30.17
27 36	33.5	13.24	256.42	31.36	14.48	21.99
27 57	238.7	6.14	333.52	45.35	12.00	27.25

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 1
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V33	V34	V35	V36	V37	V38
27 62	164.0	48.37	425.48	51.86	21.02	40.63
28900	666.2	17.33	396.95	72.41	38.76	43.81
29 9	2308.1	15.16	293.09	38.60	15.44	26.35
29 56	1303.2	13.54	327.25	59.63	8.90	35.91
29703	713.9	8.15	336.49	50.19	48.02	34.19
30 1	119.1	98.91	0.00	126.69	19.96	0.00
30 2	653.3	23.31	318.39	44.81	24.67	29.06
30 5	203.2	52.87	394.62	90.69	35.05	44.55
30 6	462.0	28.79	353.41	70.76	15.93	35.88
30 8	2013.7	10.75	301.15	53.37	9.64	25.91
30 13	108.0	47.09	428.71	69.37	18.27	46.74
30 16	3647.3	11.65	347.80	53.71	13.19	30.31
30 19	648.6	14.72	341.71	57.82	21.12	34.86
30 61	343.0	39.15	391.26	74.12	15.81	40.20
30 80	98.8	20.86	472.85	84.80	25.49	50.79
30703	1770.6	15.76	292.13	44.70	26.22	27.67
31 1	2647.1	11.78	263.68	36.90	13.79	23.04
31 5	438.6	21.45	291.23	59.85	24.82	34.36
31 8	221.4	43.91	335.73	44.05	9.99	30.51
31 11	181.3	35.14	350.21	64.09	27.09	32.82
31 15	182.0	50.44	319.87	55.01	37.66	31.45
31 23	459.8	26.70	313.32	57.22	10.49	34.26
32 6	315.8	35.27	293.82	36.78	35.27	24.23
32 7	129.6	57.92	388.09	53.59	20.07	32.27
32 11	443.4	24.77	304.89	40.02	34.13	22.40
32 18	5.0	17.50	756.43	40.13	48.89	64.13
32 21	680.2	18.98	256.53	34.02	13.10	21.55
32 25	5.7	14.47	662.75	65.24	83.11	55.28
32 32	32.3	170.04	648.50	139.08	28.87	63.41
32 38	8.6	17.52	492.78	34.65	20.42	61.80
32 54	8.0	21.82	517.01	107.72	49.89	28.94
32 58	5.0	18.03	734.48	19.14	39.83	67.69
33 9	746.6	15.11	303.81	48.89	12.40	29.65
33 12	2762.2	9.29	281.48	31.89	21.97	28.50
33 14	117.9	14.75	384.26	59.38	27.17	44.11
33 29	223.1	13.08	371.03	63.65	51.38	33.69
33 50	22.3	45.31	448.84	109.83	29.01	43.89
33701	370.6	41.14	456.96	98.62	30.73	57.88
34 13	559.0	27.00	302.49	63.46	34.51	33.39
34 48	10003.0	12.76	336.96	45.13	11.28	31.89
34702	2611.6	16.03	295.81	40.93	11.17	26.65
34703	5542.0	14.08	268.05	33.07	13.62	22.56
34705	2237.1	14.07	303.44	40.65	28.39	28.30
34706	356.7	42.59	318.03	44.94	12.75	33.21
34709	611.8	16.18	309.20	40.01	28.76	29.29
35 1	113.3	60.73	322.66	71.30	52.61	25.55
35 21	386.8	17.38	320.76	51.55	9.94	37.15
35 55	109.5	27.44	380.26	76.28	59.22	38.81
36 8	623.8	17.97	298.44	32.66	23.52	24.21
36 29	1992.0	13.42	271.16	28.28	16.05	29.26
36 40	2429.3	10.37	293.42	34.31	11.35	28.87
36 48	688.4	18.42	308.47	43.47	18.99	29.39
36701	836.8	8.32	278.89	39.93	15.57	30.63
36705	574.9	13.00	302.17	41.86	27.23	32.65
36707	918.9	13.13	290.08	41.32	18.76	37.82

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V39	V40	V41	V42	V43	V44
1 5	335.75	25.19	360.95	330.85	.13	4.04
1 16	548.44	51.19	599.63	865.32	7.16	6.59
1 30	556.56	75.95	632.51	488.38	8.42	13.80
1 61	480.92	58.82	539.75	857.81	1.92	5.11
2 7	416.43	62.39	478.82	267.84	0.00	7.70
2 17	380.45	48.49	428.95	188.57	0.00	4.05
2509	402.02	15.49	417.52	229.58	.77	2.05
2701	776.49	43.21	819.70	257.72	.01	3.53
3 3	467.19	29.52	496.71	309.56	2.66	2.51
3 7	445.03	18.13	463.16	239.78	0.00	2.85
3 53	215.25	22.72	237.98	109.72	0.00	7.88
3 62	417.69	14.13	431.83	207.90	0.00	3.10
3115	313.23	8.19	321.43	132.87	0.00	3.01
3701	333.40	23.38	356.79	225.42	0.00	3.57
3702	341.65	31.50	373.16	155.14	0.00	6.03
3704	362.39	42.94	405.34	194.76	0.00	3.83
3705	369.50	15.66	385.17	212.18	0.00	4.38
3706	379.84	45.49	425.33	378.29	.09	6.53
4 1	447.65	9.30	456.96	217.78	1.17	2.69
4 4	504.73	56.69	561.42	217.41	0.00	6.31
4 5	378.11	34.79	412.91	300.63	0.00	4.36
4 8	596.06	72.46	668.52	510.76	0.00	2.75
4 11	304.11	98.48	402.60	385.08	0.00	3.71
4 30	463.74	20.60	484.35	130.70	0.00	5.57
4701	402.04	25.10	427.15	365.28	0.00	3.69
5 47	461.45	42.47	503.92	153.57	.45	4.46
5502	370.04	19.62	389.66	334.45	2.87	4.46
5703	373.94	43.14	417.08	138.15	0.00	7.33
5704	254.96	44.43	299.40	138.48	.14	7.02
5705	424.87	59.12	483.99	162.57	2.80	2.35
6 8	420.45	18.95	439.40	224.09	.49	3.20
6 9	399.41	17.92	417.33	237.03	0.00	2.21
6 13	454.67	31.41	486.09	221.15	0.00	2.68
6 31	477.79	7.58	485.37	291.60	6.14	4.38
6 41	125.48	35.73	161.22	256.42	.01	16.21
6 54	386.85	27.35	414.21	144.92	1.26	4.91
7600	354.53	29.49	384.03	260.89	.21	2.85
8 2	459.47	33.95	493.43	262.68	2.56	4.60
8 4	782.90	72.06	854.96	525.83	0.00	4.32
8 12	446.16	96.75	542.92	268.54	0.00	12.45
8 17	402.69	30.56	433.26	177.39	0.00	3.74
8 23	358.52	117.00	475.53	465.92	0.00	3.99
8701	429.90	32.25	462.15	304.14	0.00	4.57
9 1	424.86	11.28	436.15	200.22	.09	2.72
9 6	534.92	15.59	550.51	152.10	1.37	9.31
9 15	740.44	90.83	831.28	887.23	0.00	7.53
9701	386.87	27.45	414.33	218.29	0.00	5.52
10 1	477.34	36.28	513.62	541.81	0.00	5.40
10 4	367.44	25.54	392.98	213.02	.18	2.91
10 8	575.19	13.73	588.93	170.66	0.00	5.47
10 12	505.85	44.23	550.08	839.03	.94	4.32
10 15	464.52	82.21	546.73	268.95	5.36	8.54
10 19	380.15	19.96	400.12	134.82	1.13	3.53
10 21	524.06	102.06	626.13	378.87	2.16	12.10
10 22	459.77	64.35	524.13	197.54	2.72	3.14

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V39	V40	V41	V42	V43	V44
10 32	416.63	75.45	492.08	182.87	0.00	1.78
10 34	584.24	74.54	658.79	583.14	1.75	7.75
10 45	456.01	41.96	497.98	1167.47	0.00	1.76
10 70	482.91	19.94	502.85	453.78	0.00	5.39
10 77	446.22	28.94	475.16	227.31	0.00	4.71
10116	418.16	43.97	462.13	266.03	0.00	3.11
10125	957.82	117.24	1075.07	2303.89	0.00	4.59
10130	383.55	23.69	407.24	178.50	1.27	4.82
10713	505.31	35.22	540.54	299.21	0.00	6.56
11 3	498.58	86.55	585.13	602.19	0.00	4.24
11 25	619.43	128.31	747.74	813.44	0.00	5.26
12 4	344.89	23.19	368.09	241.43	0.00	2.52
12 6	358.80	18.19	377.00	177.83	0.00	1.70
12 8	506.23	87.42	593.65	382.76	1.35	2.11
12 16	500.43	31.19	531.63	333.39	0.00	2.29
12 17	464.11	80.93	545.05	686.15	0.00	2.76
12703	392.93	30.11	423.04	253.43	.02	4.37
13701	757.23	226.61	983.84	1238.83	6.50	3.96
13702	383.83	16.57	400.40	249.63	1.05	2.98
14 1	432.56	28.82	461.39	215.61	.53	4.04
15 4	417.13	21.74	438.87	208.53	.79	5.87
15 5	162.83	12.23	175.07	186.30	1.73	7.50
15 6	258.90	37.04	295.94	153.82	.98	2.67
15 9	429.48	54.37	483.86	270.84	.21	2.76
15 35	420.97	22.95	443.92	149.22	0.00	6.80
15 40	302.67	41.58	344.26	245.09	0.00	2.36
15 59	536.74	39.68	576.42	238.01	0.00	3.15
15 62	355.49	77.45	432.94	369.34	0.00	2.84
15 91	576.94	96.09	673.04	398.41	0.00	4.20
15 94	566.04	8.58	574.63	1077.63	0.00	4.80
15549	440.59	11.22	451.81	229.15	.11	2.03
16 4	581.96	34.92	616.89	316.36	.87	8.48
16 8	714.40	344.79	1059.19	1576.37	0.00	5.49
16 41	489.62	106.37	596.00	591.12	0.00	5.02
16509	373.95	35.70	409.65	323.37	0.00	6.54
17 7	380.25	24.24	404.49	157.14	0.00	2.39
17600	364.91	52.80	417.71	243.46	.70	2.94
18600	348.99	32.20	381.19	334.57	0.00	1.81
18702	433.25	23.62	456.87	343.01	0.00	3.20
19 5	371.17	105.05	476.22	416.19	0.00	4.19
19 7	378.74	11.76	390.50	267.95	0.00	4.15
19 11	659.70	39.62	699.32	1415.70	0.00	3.40
19 14	751.74	25.23	776.98	2075.41	0.00	2.20
19 18	920.39	50.78	971.17	1119.64	0.00	3.22
19 21	519.91	228.90	748.82	1970.30	0.00	8.04
19 24	657.83	397.38	1055.21	1368.40	0.00	4.81
19 25	607.70	77.12	684.82	3252.74	.30	7.23
19 41	479.16	44.07	523.23	392.64	0.00	4.35
20 1	378.90	56.45	435.36	178.96	0.00	6.12
20 4	397.81	8.75	406.57	226.37	.01	2.62
20 19	373.68	15.48	389.16	194.31	.47	2.58
20 28	385.64	29.62	415.27	121.24	0.00	4.78
20 32	473.47	51.39	524.87	221.55	0.00	5.68
20 40	356.34	23.08	379.42	101.06	0.00	8.93
20 45	410.94	22.45	433.40	251.80	.26	3.38

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V39	V40	V41	V42	V43	V44
20 52	422.54	15.65	438.19	241.45	.92	3.98
20 66	423.13	49.19	472.32	354.63	.58	5.78
20 68	392.34	47.82	440.17	514.52	0.00	5.35
20 69	407.39	32.27	439.67	230.11	.71	3.09
20 71	440.37	64.46	504.84	214.83	0.00	6.25
20 76	446.91	16.91	463.82	336.81	0.00	4.83
20 79	476.56	20.00	496.57	272.21	1.15	4.29
20 90	538.25	40.05	578.31	203.50	0.00	4.11
20 97	367.86	32.59	400.45	174.76	0.00	4.42
20117	630.08	26.65	656.73	305.09	1.27	2.53
21600	397.68	35.92	433.60	230.79	0.00	2.93
22 95	377.65	62.26	439.91	170.81	2.05	4.50
22124	408.54	24.30	432.84	196.18	0.00	3.06
22129	506.82	39.55	546.37	426.07	.17	3.28
22552	409.09	35.64	444.74	362.76	.01	4.13
22701	401.14	17.83	418.98	166.80	.06	3.01
22702	400.63	26.69	427.33	269.56	.10	4.17
22705	409.56	43.60	453.16	323.39	0.00	5.72
22708	372.78	10.84	383.63	216.65	.15	3.83
23 2	404.67	88.55	493.22	684.17	0.00	5.52
23 8	360.47	20.67	381.15	178.10	.56	3.16
23 11	2335.30	385.71	2721.01	2648.42	0.00	5.51
23 26	354.29	21.38	375.67	176.24	.48	3.20
23 29	357.97	73.71	431.68	565.05	0.00	2.89
23 61	395.05	36.37	431.42	195.77	0.00	6.80
23 66	491.04	60.67	551.71	398.76	0.00	14.24
23 81	503.32	340.75	844.08	715.20	0.00	5.99
23701	453.40	83.90	537.30	398.48	.49	7.23
23703	370.25	35.30	405.55	228.32	.90	6.08
24 14	367.84	44.76	412.61	259.30	0.00	7.69
24 15	385.50	32.37	417.88	224.13	0.00	4.59
24 24	356.21	8.97	365.19	265.79	.28	2.19
24 45	523.51	40.12	563.64	611.48	0.00	7.56
24 50	258.74	0.00	258.74	538.26	0.00	4.32
24103	386.52	15.47	402.00	247.81	.15	5.36
24123	449.63	38.86	488.49	192.66	1.16	7.73
24701	403.57	25.21	428.79	290.56	3.01	7.26
24704	396.78	48.70	445.48	294.41	0.00	6.78
24705	356.28	27.78	384.06	190.64	.25	6.08
24707	336.03	19.19	355.23	229.33	.06	3.37
25 1	575.14	70.10	645.25	544.03	1.54	4.53
26 1	417.11	2.59	419.71	311.26	0.00	3.01
26 3	418.01	7.79	425.80	203.14	0.00	3.35
26 7	438.43	24.54	462.97	295.60	1.72	4.07
26 39	482.17	26.50	508.68	180.12	1.12	5.69
26 40	431.69	15.53	447.23	142.68	0.00	2.73
26 46	508.52	34.04	542.57	327.35	0.00	3.46
26 51	175.28	33.06	208.35	348.04	0.00	4.52
26702	391.22	13.79	405.01	134.11	.09	3.44
27 2	338.92	17.25	356.18	210.57	1.43	4.88
27 13	350.67	29.18	379.86	244.94	0.00	4.34
27 21	465.10	50.94	516.04	451.34	2.90	2.44
27 34	424.90	0.00	424.90	316.70	0.00	3.59
27 36	337.76	0.00	337.76	417.88	0.00	3.92
27 57	424.28	9.01	433.29	119.98	0.00	1.44

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 2
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V39	V40	V41	V42	V43	V44
27 62	587.42	13.36	600.78	273.74	0.00	8.23
28900	569.87	114.77	684.65	613.64	.12	3.04
29 9	388.80	31.04	419.85	236.34	1.52	3.90
29 56	445.52	40.83	486.35	199.77	3.73	3.04
29703	477.14	45.47	522.62	222.17	1.11	1.70
30 1	247.77	148.56	396.34	2207.54	0.00	39.91
30 2	440.31	39.63	479.95	349.93	2.87	5.29
30 5	619.34	58.74	678.09	372.65	2.10	8.53
30 6	505.42	12.20	517.62	132.68	0.00	5.69
30 8	402.35	30.23	432.59	116.15	0.00	2.67
30 13	610.76	28.70	639.46	416.92	0.00	7.71
30 16	457.74	41.29	499.04	321.05	0.00	2.54
30 19	472.63	45.12	517.75	436.45	.01	3.11
30 61	560.55	44.33	604.89	207.92	.02	6.98
30 80	656.59	82.45	739.05	313.24	.60	3.17
30703	408.90	15.35	424.25	216.49	0.00	3.85
31 1	349.30	9.62	358.92	221.28	.32	3.37
31 5	431.75	26.64	458.39	253.38	0.00	4.97
31 8	464.36	55.52	519.89	466.14	0.00	9.45
31 11	509.44	39.67	549.12	447.55	0.00	6.89
31 15	494.57	23.49	518.07	418.62	.96	10.19
31 23	442.56	35.66	478.23	251.52	0.00	6.03
32 6	425.59	49.14	474.73	407.21	0.00	8.28
32 7	552.57	53.16	605.74	322.58	0.00	10.48
32 11	426.33	31.33	457.67	327.47	.27	5.81
32 18	928.04	726.00	1654.04	3159.57	0.00	1.88
32 21	344.23	22.81	367.05	259.24	0.00	5.51
32 25	880.86	102.63	983.49	2009.02	0.00	1.64
32 32	1050.31	94.76	1145.08	622.84	0.00	16.18
32 38	628.45	224.34	852.80	432.75	0.00	2.78
32 54	727.34	241.87	969.22	307.53	0.00	2.99
32 58	880.57	90.00	970.57	331.33	0.00	2.04
33 9	410.61	28.70	439.32	496.45	.48	3.68
33 12	375.61	16.69	392.30	218.22	0.00	2.47
33 14	529.84	154.68	684.52	1035.69	0.00	2.78
33 29	532.93	74.14	607.08	527.50	0.00	2.45
33 50	676.97	593.23	1270.20	1037.96	0.00	6.69
33701	686.30	118.87	805.18	469.52	6.70	5.99
34 13	464.72	62.37	527.09	222.35	.73	5.81
34 48	440.83	15.95	456.78	163.10	.06	2.89
34702	392.88	29.25	422.13	187.62	1.34	4.08
34703	352.38	27.88	380.26	165.17	.02	3.99
34705	415.59	23.40	438.99	198.93	1.32	3.38
34706	452.40	35.40	487.80	170.78	0.00	9.41
34709	425.41	36.02	461.43	222.93	.05	3.80
35 1	533.16	65.76	598.92	320.38	0.00	11.39
35 21	436.97	29.37	466.35	266.38	4.69	3.97
35 55	582.35	77.68	660.03	513.46	.96	4.71
36 8	397.15	43.35	440.50	215.62	3.04	4.52
36 29	359.28	24.90	384.19	165.62	.81	3.73
36 40	380.20	21.16	401.36	183.33	.47	2.72
36 48	419.03	37.06	456.09	137.57	2.08	4.39
36701	373.57	57.28	430.85	193.68	1.69	2.22
36705	418.18	44.42	462.60	248.19	.16	3.11
36707	401.52	37.66	439.19	173.53	1.86	3.27

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V45	V46	V47	V48	V49	V50
1 5	72.75	12.27	3.73	7.18	.04	93.02
1 16	66.76	15.05	3.67	7.81	1.30	91.46
1 30	56.66	15.37	6.05	8.03	1.51	87.99
1 61	72.14	10.30	3.66	8.71	.39	89.10
2 7	70.51	12.68	2.17	6.87	0.00	86.96
2 17	73.79	11.51	3.38	7.18	0.00	88.69
2509	76.80	9.31	5.07	6.60	.19	96.28
2701	83.99	6.44	1.92	4.07	0.00	94.72
3 3	75.64	10.68	3.88	6.32	.56	94.05
3 7	77.34	9.70	2.75	6.94	0.00	96.08
3 53	71.80	13.17	4.33	2.77	0.00	90.44
3 62	76.64	9.56	3.47	6.35	0.00	96.72
3115	78.15	10.34	1.52	6.93	0.00	97.44
3701	75.62	9.17	3.05	8.36	0.00	93.44
3702	71.73	10.65	4.44	7.06	0.00	91.55
3704	74.90	10.01	3.35	7.63	0.00	89.40
3705	75.99	8.81	3.36	6.96	0.00	95.93
3706	72.44	10.93	3.08	6.63	.02	89.30
4 1	75.22	9.94	4.49	7.63	.26	97.96
4 4	68.56	11.44	7.65	6.01	0.00	89.90
4 5	74.97	9.69	3.54	7.34	0.00	91.57
4 8	72.85	13.26	3.89	7.21	0.00	89.16
4 11	76.63	11.69	.21	7.61	0.00	75.53
4 30	69.91	12.15	6.91	5.34	0.00	95.74
4701	72.22	11.02	6.35	6.65	0.00	94.12
5 47	70.16	11.45	6.45	7.37	.09	91.57
5502	72.12	10.84	5.30	7.24	.77	94.96
5703	69.89	9.29	4.82	8.62	0.00	89.65
5704	65.35	12.48	5.81	9.00	.05	85.15
5705	74.52	11.16	3.99	7.92	.66	87.78
6 8	76.88	9.24	3.25	6.57	.11	95.68
6 9	74.62	11.18	4.75	6.80	0.00	95.70
6 13	71.36	13.08	3.59	7.89	0.00	93.53
6 31	72.86	12.83	1.95	6.06	1.28	98.43
6 41	.28	42.27	11.72	29.25	0.00	77.83
6 54	76.02	7.92	4.31	6.79	.32	93.39
7600	74.85	10.23	4.30	6.75	.05	92.31
8 2	71.21	10.23	7.32	6.55	.55	93.11
8 4	79.19	6.66	4.36	5.35	0.00	91.57
8 12	64.90	11.02	3.38	8.15	0.00	82.17
8 17	76.44	9.56	2.02	7.42	0.00	92.94
8 23	69.83	11.48	7.50	7.03	0.00	75.39
8701	73.61	10.16	4.68	6.90	0.00	93.02
9 1	75.07	11.14	3.69	6.44	.02	97.41
9 6	65.97	10.76	7.02	6.63	.25	97.16
9 15	73.34	10.70	1.70	6.56	0.00	89.07
9701	72.82	9.88	3.78	7.57	0.00	93.37
10 1	66.12	9.06	5.39	13.92	0.00	92.93
10 4	74.84	10.83	4.40	6.99	.05	93.50
10 8	69.69	12.84	3.63	8.20	0.00	97.66
10 12	70.40	11.02	3.72	10.44	.18	91.95
10 15	64.49	9.40	7.31	10.09	1.15	84.96
10 19	73.84	9.74	4.98	7.66	.29	95.01
10 21	64.18	9.49	4.15	10.04	.41	83.69
10 22	74.20	9.89	3.37	9.27	.59	87.72

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 3

(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V45	V46	V47	V48	V49	V50
10 32	71.95	11.98	5.67	8.50	0.00	84.66
10 34	64.07	11.39	3.07	13.59	.30	88.68
10 45	69.28	13.45	2.36	13.13	0.00	91.57
10 70	71.11	8.90	5.90	8.39	0.00	96.03
10 77	71.91	9.19	4.91	9.09	0.00	93.90
10116	71.70	10.93	4.82	9.35	0.00	90.48
10125	50.62	15.19	14.72	14.81	0.00	89.09
10130	74.12	12.48	3.19	5.27	.33	94.18
10713	68.63	11.58	5.26	7.90	0.00	93.48
11 3	75.79	10.51	2.63	6.79	0.00	85.20
11 25	68.15	12.25	7.72	6.50	0.00	82.83
12 4	73.21	10.27	4.98	8.94	0.00	93.69
12 6	77.32	10.55	3.66	6.68	0.00	95.17
12 8	69.94	13.65	6.72	7.52	.26	85.27
12 16	71.10	15.50	3.43	7.64	0.00	94.13
12 17	67.45	18.03	3.82	7.84	0.00	85.15
12703	72.57	11.65	4.16	7.20	0.00	92.88
13701	66.13	15.24	6.79	7.71	.85	76.96
13702	75.80	10.89	3.77	6.31	.27	95.86
14 1	70.16	12.57	5.96	6.91	.12	93.75
15 4	72.20	11.13	3.73	6.81	.19	95.04
15 5	40.15	24.54	8.95	17.83	1.06	93.01
15 6	63.52	10.26	13.03	10.22	.38	87.48
15 9	77.70	11.93	1.21	6.18	.04	88.76
15 35	73.11	8.97	4.11	6.95	0.00	94.82
15 40	73.48	11.09	4.00	8.96	0.00	87.91
15 59	68.65	11.16	9.12	7.82	0.00	93.11
15 62	71.82	13.92	2.05	9.23	0.00	82.11
15 91	69.99	13.42	4.96	7.15	0.00	85.72
15 94	70.03	15.08	2.91	7.13	0.00	98.50
15549	74.93	8.15	8.09	6.24	.02	97.51
16 4	68.41	11.71	4.24	6.86	.14	94.33
16 8	72.20	10.69	3.30	8.10	0.00	67.44
16 41	72.83	6.93	7.58	7.30	0.00	82.15
16509	72.79	10.32	2.41	7.57	0.00	91.28
17 7	77.89	8.29	4.37	6.72	0.00	94.00
17600	71.94	11.23	6.92	6.87	.19	87.35
18600	79.01	8.78	2.45	7.66	0.00	91.55
18702	72.85	12.39	4.04	6.42	0.00	94.82
19 5	69.68	12.75	5.37	7.90	0.00	77.94
19 7	76.05	9.99	2.89	6.88	0.00	96.98
19 11	66.87	10.04	12.71	6.91	0.00	94.33
19 14	58.13	15.98	17.62	5.95	0.00	96.75
19 18	68.55	10.64	11.26	6.30	0.00	94.77
19 21	63.82	14.86	1.10	11.38	0.00	69.43
19 24	73.24	8.77	7.14	6.02	0.00	62.34
19 25	75.32	7.84	2.33	7.26	.04	88.73
19 41	76.11	11.33	1.41	6.75	0.00	91.57
20 1	71.33	11.34	4.60	6.46	0.00	87.03
20 4	76.42	8.32	4.55	6.80	0.00	97.84
20 19	73.14	10.14	7.37	6.17	.12	96.02
20 28	71.78	11.97	4.13	7.26	0.00	92.86
20 32	71.15	11.95	3.94	7.15	0.00	90.20
20 40	71.32	11.17	1.32	7.08	0.00	93.91
20 45	76.36	9.86	3.84	6.50	.06	94.81

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V45	V46	V47	V48	V49	V50
20 52	75.85	9.28	3.48	6.99	.21	96.42
20 66	75.60	9.42	1.52	7.54	.13	89.58
20 68	74.89	9.32	3.40	7.01	0.00	89.13
20 69	76.29	10.25	2.37	7.25	.17	92.65
20 71	67.01	12.98	6.02	7.60	0.00	87.23
20 76	73.19	11.15	3.76	7.00	0.00	96.35
20 79	66.76	12.60	8.47	7.77	.24	95.97
20 90	74.43	10.24	4.60	6.54	0.00	93.07
20 97	77.07	8.21	3.99	6.26	0.00	91.86
20117	71.20	12.56	4.81	8.11	.20	95.94
21600	76.53	8.82	4.99	6.49	0.00	91.71
22 95	74.67	10.09	3.31	7.33	.54	85.84
22124	75.15	8.99	.22	12.55	0.00	94.38
22129	68.69	12.57	7.02	8.02	.03	92.76
22552	72.58	14.40	.89	7.97	0.00	91.98
22701	76.46	9.54	3.08	7.38	.01	95.74
22702	72.30	11.27	3.60	7.87	.02	93.75
22705	71.88	10.72	3.58	7.95	0.00	90.37
22708	76.28	9.79	3.88	6.13	.04	97.17
23 2	84.02	2.99	1.44	4.91	0.00	82.04
23 8	77.36	10.38	2.32	6.74	.15	94.57
23 11	82.90	5.23	0.00	6.35	0.00	85.82
23 26	74.12	12.73	2.16	7.72	.13	94.30
23 29	72.53	12.13	3.54	8.77	0.00	82.92
23 61	70.09	10.73	5.67	6.59	0.00	91.56
23 66	64.08	12.28	2.43	6.90	0.00	89.00
23 81	75.11	8.87	2.34	7.65	0.00	59.63
23701	70.43	7.48	7.72	7.05	.10	84.38
23703	71.75	12.14	2.48	7.50	.24	91.29
24 14	70.56	10.00	4.84	6.88	0.00	89.15
24 15	74.92	10.08	2.96	7.34	0.00	92.25
24 24	78.88	9.31	2.77	6.27	.08	97.54
24 45	67.69	14.14	2.81	7.60	0.00	92.88
24 50	77.86	9.24	1.57	6.96	0.00	0.00
24103	74.26	10.46	3.44	6.45	.03	96.15
24123	63.83	14.20	5.96	8.17	.25	92.04
24701	72.91	10.17	3.31	6.21	.74	94.11
24704	75.30	8.62	1.77	7.49	0.00	89.06
24705	70.72	11.30	4.05	7.76	.07	92.76
24707	74.93	10.13	3.57	7.56	.01	94.59
25 1	72.70	12.07	4.15	6.50	.26	89.13
26 1	75.98	9.99	4.45	5.76	0.00	99.38
26 3	74.49	11.86	3.48	6.43	0.00	98.17
26 7	70.55	10.52	8.13	6.41	.39	94.69
26 39	70.70	12.75	5.26	5.26	.23	94.78
26 40	76.01	11.13	3.47	6.01	0.00	96.52
26 46	66.21	19.25	2.71	7.94	0.00	93.72
26 51	24.85	25.42	15.34	28.76	0.00	84.12
26702	75.59	10.96	2.37	6.75	.02	96.59
27 2	75.31	8.74	4.24	6.79	.42	95.15
27 13	74.91	10.45	2.80	7.45	0.00	92.31
27 21	76.40	10.62	1.98	8.52	.62	90.12
27 34	77.87	10.18	1.16	7.10	0.00	0.00
27 36	75.91	9.28	4.28	6.51	0.00	0.00
27 57	78.60	10.69	2.82	6.42	0.00	97.91

APPENDIX D. FINANCIAL DATA FOR EACH SCHOOL DISTRICT PART 3
(SEE TABLE 6 FOR KEY TO VARIABLE NUMBERS)

ID	V45	V46	V47	V48	V49	V50
27 62	72.43	8.82	3.57	6.91	0.00	97.77
28900	69.65	12.70	6.80	7.68	.02	83.23
29 9	75.38	9.92	3.97	6.77	.39	92.60
29 56	73.45	13.38	1.99	8.06	.83	91.60
29703	70.52	10.51	10.06	7.16	.23	91.29
30 1	0.00	51.13	8.05	0.00	0.00	62.51
30 2	72.31	10.17	5.60	6.60	.65	91.74
30 5	63.71	14.64	5.66	7.19	.33	91.33
30 6	69.92	14.00	3.15	7.10	0.00	97.64
30 8	74.84	13.26	2.39	6.44	0.00	93.01
30 13	70.19	11.35	2.99	7.65	0.00	95.51
30 16	75.98	11.73	2.88	6.62	0.00	91.72
30 19	72.30	12.23	4.47	7.37	0.00	91.28
30 61	69.79	13.22	2.82	7.17	0.00	92.67
30 80	72.01	12.91	3.88	7.73	.09	88.84
30703	71.44	10.93	6.41	6.76	0.00	96.38
31 1	75.48	10.56	3.94	6.59	.09	97.31
31 5	67.45	13.86	5.75	7.96	0.00	94.18
31 8	72.29	9.48	2.15	6.57	0.00	89.31
31 11	68.74	12.58	5.31	6.44	0.00	92.77
31 15	64.67	11.12	7.61	6.36	.19	95.46
31 23	70.79	12.93	2.37	7.74	0.00	92.54
32 6	69.03	8.64	8.28	5.69	0.00	89.64
32 7	70.23	9.69	3.63	5.84	0.00	91.22
32 11	71.51	9.38	8.00	5.25	.06	93.15
32 18	81.50	4.32	5.26	6.91	0.00	56.10
32 21	74.52	9.88	3.80	6.26	0.00	93.78
32 25	75.23	7.40	9.43	6.27	0.00	89.56
32 32	61.74	13.24	2.74	6.03	0.00	91.72
32 38	78.41	5.51	3.25	9.83	0.00	73.69
32 54	71.08	14.81	6.85	3.97	0.00	75.04
32 58	83.40	2.17	4.52	7.68	0.00	90.72
33 9	73.98	11.90	3.02	7.22	.11	93.46
33 12	74.94	8.49	5.85	7.58	0.00	95.74
33 14	72.52	11.20	5.12	8.32	0.00	77.40
33 29	69.62	11.94	9.64	6.32	0.00	87.78
33 50	66.30	16.22	4.28	6.48	0.00	53.29
33701	66.58	14.37	4.47	8.43	.97	85.23
34 13	65.09	13.65	7.42	7.18	.15	88.16
34 48	76.43	10.23	2.55	7.23	.01	96.50
34702	75.29	10.42	2.84	6.78	.34	93.07
34703	76.06	9.38	3.86	6.40	0.00	92.66
34705	73.01	9.78	6.83	6.81	.31	94.66
34706	70.29	9.93	2.81	7.34	0.00	92.74
34709	72.68	9.40	6.76	6.88	.01	92.19
35 1	60.52	13.37	9.86	4.79	0.00	89.02
35 21	73.40	11.79	2.27	8.50	1.07	93.70
35 55	65.29	13.10	10.17	6.66	.16	88.22
36 8	75.14	8.22	5.92	6.09	.76	90.15
36 29	75.47	7.87	4.46	8.14	.22	93.51
36 40	77.17	9.02	2.98	7.59	.12	94.72
36 48	73.61	10.37	4.53	7.01	.49	91.87
36701	74.65	10.69	4.16	8.20	.45	86.70
36705	72.25	10.01	6.51	7.80	.03	90.39
36707	72.24	10.29	4.67	9.42	.46	91.42

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 1

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CENDA/EXPAN STATISTICAL ANALYSIS  10/15/65    TOTAL POPULATION
     220 OBSERVATIONS
VARIABLE        MEAN       STD.DEV.
     1          69.59          13.85
     2          77.11          13.48
     3           3.22           3.29
     4          91.09           6.90
     5          52.12          15.79
     6          57.74          11.73
     7          53.49          18.89
     8          22.05           7.68
     9          17.29          11.10
    10           9.64           4.62
    11          95.88           6.28
    12          98.84          30.09
    13          26.60           5.55
    14        8306.06        2978.26
    15        3298.86        1013.19
    16          98.71           3.00
    17          13.43           4.30
    18          45.468          9.62
    19          93.05           4.04
    20          98.94           6.30
    21          91.76          10.46
    22          29.67           3.49
    23          18.77           1.28
    24          91.94           6.97
    25          75.35           6.89
    26          70.05          12.94
    27    15322950.00    56247278.00
    28        5320.65         782.04
    29        1965.13         411.60
    30          43.34           7.67
    31           5.87           3.65
    32        1702.93         821.78
    33        1706.03        5224.04
    34          23.05          18.34
    35         334.45         144.84
    36          51.52          20.67
    37          21.76          17.53
    38          34.38          14.99
    39         466.14         182.82
    40          56.47          81.75
    41         522.63         235.41
    42       41724.00       47170.04
    43            .61           1.31
    44           4.93           3.44
    45          71.30           9.04
    46          11.36           4.29
    47           4.62           2.60
    48           7.52           2.65
    49            .13            .26
    50          89.26          12.72
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APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 1

CORRELATION MATRIX

	1	2	3	4	5	6	7	8	9	10
1	1.000	.628	-.017	-.143	-.389	.351	.419	-.171	-.336	-.232
2	.628	1.000	-.146	-.175	-.386	.633	.735	-.307	-.662	-.183
3	.017	-.146	1.000	-.518	-.272	-.198	-.019	0.000	.005	-.294
4	.143	-.175	-.518	1.000	.247	.114	-.282	.140	.224	.374
5	.389	-.386	-.272	.247	1.000	-.328	-.483	.217	.355	.708
6	.351	.633	-.198	.114	-.328	1.000	.462	-.184	-.826	-.027
7	.419	.735	-.019	-.282	-.483	.462	1.000	-.259	-.533	-.359
8	.171	-.307	0.000	.140	.217	-.184	-.259	1.000	.137	.070
9	.336	-.662	.005	.224	.355	-.826	-.533	.137	1.000	.219
10	.232	-.183	-.294	.374	.708	-.027	-.359	.070	.219	1.000
11	.155	-.275	.148	.079	.108	-.294	-.332	.107	.287	.053
12	.037	-.034	.001	-.253	-.102	-.021	-.026	-.042	-.010	-.108
13	.014	.089	-.124	.168	.011	.111	.100	.096	-.156	-.003
14	.367	.287	.101	-.207	-.30[illegible]	.162	.329	.028	-.154	-.144
15	.402	.390	-.036	-.183	-.279	.287	.395	-.017	-.348	-.220
16	.165	-.028	.001	.121	.068	.195	-.026	-.130	-.092	.078
17	.297	-.201	-.144	.178	.162	-.002	-.220	.091	.052	.101
18	.122	-.032	-.499	.455	.421	.208	-.109	.174	.049	.500
19	.059	-.027	.030	.020	.110	-.042	-.092	-.051	.066	.252
20	.075	-.048	.062	.065	-.018	.052	-.028	-.116	0.000	.044
21	.023	.007	.058	.016	-.004	.030	-.062	-.021	-.049	.078
22	.025	-.083	-.122	.176	.466	-.187	-.188	.098	.322	.387
23	.092	-.002	-.292	.295	.485	.027	-.161	-.015	.170	.516
24	.019	-.041	.085	.044	.044	.014	-.073	-.115	.017	.169
25	.471	-.642	.170	.175	.213	-.312	-.529	.244	.297	.068
26	.155	-.258	.107	.138	.051	-.126	-.205	.027	.102	-.100
27	.190	.200	-.086	-.237	-.046	.114	.213	-.047	-.181	-.042
28	.463	.503	.154	-.302	-.487	.186	.616	-.066	-.352	-.456
29	.259	.241	-.072	-.001	-.058	.116	.234	.284	-.150	-.042
30	.261	.236	-.001	-.157	.005	.088	.212	.076	-.108	-.015
31	.296	.325	-.125	-.125	-.076	.134	.290	-.024	-.150	-.112
32	.255	.307	-.006	-.355	-.194	.100	.339	-.068	-.264	-.182
33	.217	.231	-.102	-.229	-.069	.139	.236	-.058	-.204	-.054
34	.256	-.367	.110	.092	.159	-.272	-.407	.118	.270	.098
35	.183	-.401	.150	.039	.133	-.316	-.439	.026	.324	.114
36	.235	-.368	.176	-.003	.211	-.400	-.350	.222	.301	.072
37	.217	-.320	.227	-.049	.159	-.400	-.262	.120	.352	.048
38	.201	-.328	.126	-.018	.054	-.279	-.341	.036	.266	.021
39	.233	-.453	.182	.032	.164	-.383	-.480	.072	.372	.113
40	.172	-.464	.238	.062	.211	-.372	-.437	.199	.393	.127
41	.241	-.513	.224	.047	.201	-.427	-.525	.125	.426	.132
42	.249	-.495	.268	-.022	.234	-.433	-.431	.208	.386	.162
43	.042	.005	.017	-.011	.081	-.052	-.004	-.140	-.035	.017
44	.161	-.160	.056	.080	.093	-.125	-.156	.168	.088	.065
45	.080	.049	-.045	.001	-.060	.088	.020	-.152	-.016	.002
46	.024	.020	.006	-.009	.071	-.039	.046	.181	-.058	.008
47	.086	-.117	.127	-.035	.082	-.216	-.079	.028	.183	.006
48	.032	.094	-.053	-.042	-.090	.118	.101	-.015	-.116	-.093
49	.024	.055	.002	-.032	.066	-.005	.046	-.170	-.077	.007
50	.067	.163	-.017	-.180	-.123	.071	.246	-.151	-.138	-.113

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 1

CORRELATION MATRIX

	11	12	13	14	15	16	17	18	19	20
18	.202	-.041	.259	-.256	.178	.039	.355	1.000	-.209	-.124
11	1.000	.199	0.000	-.219	-.096	.171	-.081	-.202	.064	.002
12	.199	1.000	-.403	-.086	-.079	.049	.002	-.041	-.013	.008
13	.000	-.403	1.000	-.116	.139	-.043	.046	.259	-.212	-.014
14	.219	-.086	-.116	1.000	.474	-.177	-.567	-.256	.233	-.062
15	.096	-.079	.139	.474	1.000	.001	-.383	.178	.039	-.065
	H 7	.049	-.043	-.177	.001	1.000	.027	.039	.028	.098
17	.081	.002	.046	-.567	-.383	.027	1.000	.355	-.105	-.008
19	.064	-.013	-.212	.233	.039	.028	-.105	-.209	1.000	-.038
20	.002	.008	-.014	-.062	-.065	.098	-.008	-.124	-.038	1.000
21	.214	.043	-.117	.155	.123	-.031	-.357	-.441	.439	-.022
22	.215	-.085	-.074	-.043	-.171	-.029	-.060	.019	.191	.078
23	.073	-.082	.049	-.220	-.190	.086	.131	.202	.132	.034
24	.088	.012	-.155	.107	0.000	.062	-.160	-.238	.581	.733
25	.225	.093	.033	-.387	-.288	.198	.254	.049	-.080	.109
26	.297	.070	-.083	-.283	-.047	.039	.006	-.262	.127	.013
27	.214	-.049	-.030	.186	.081	-.105	-.092	-.033	.055	-.003
28	.197	-.071	-.015	.529	.501	-.080	-.402	-.397	.021	.023
29	.128	-.102	.082	.242	.305	-.090	-.059	-.071	.023	-.043
30	.162	-.147	-.200	.644	.401	-.035	-.642	-.197	.311	-.067
31	.147	-.057	-.211	.478	.435	-.016	-.354	-.203	.192	-.044
32	.157	-.056	.020	.304	.273	-.214	-.252	-.207	.022	-.134
33	.235	-.058	-.035	.202	.086	-.107	-.093	-.037	.066	-.004
34	.153	.021	-.074	-.217	-.154	.063	.147	-.042	.052	.071
35	.158	.011	-.179	-.095	-.269	-.017	.083	-.055	.158	.029
36	.198	.008	-.123	-.249	-.218	.062	.115	-.093	.085	.002
37	.209	.025	-.095	-.005	-.248	.054	-.046	-.204	.115	.010
38	.204	.095	-.152	-.121	-.166	.043	.087	-.057	.107	.036
39	.198	.021	-.185	-.134	-.290	.007	.096	-.083	.160	.034
40	.207	.010	-.101	.011	-.164	.051	.042	-.037	.223	.029
41	.226	.020	-.179	-.100	-.282	.023	.089	-.077	.202	.037
42	.176	.017	-.117	.094	-.143	.020	-.084	-.097	.190	.040
43	.041	.012	.008	-.187	-.084	.054	.044	-.042	.054	.015
44	.070	.011	.072	-.118	.043	.067	.079	-.020	-.037	.072
45	.093	-.022	-.042	.012	-.128	-.089	.035	.076	.009	-.028
46	.035	-.013	.054	-.043	.131	.056	-.011	-.027	-.031	-.021
47	.156	.014	-.024	.071	-.034	.090	-.128	-.198	.072	.017
48	.033	.075	-.015	.077	.176	.040	-.063	.021	-.010	.017
49	.013	.017	.051	-.147	-.063	.058	.054	-.040	.040	.008
50	.148	.013	-.036	-.018	.032	-.013	-.149	-.254	-.011	-.044

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 1

CORRELATION MATRIX

	21	22	23	24	25	26	27	28	29	30
21	1.000	.337	.295	.499	-.313	.447	.044	.087	-.001	.218
22	.337	1.000	.795	.273	-.205	.233	.086	-.127	.049	.015
23	.295	.795	1.000	.184	-.223	.177	.018	-.343	-.034	-.163
24	.499	.273	.184	1.000	-.056	.231	.042	.064	-.025	.169
25	.313	-.205	-.223	-.056	1.000	.199	-.257	-.439	-.303	-.290
26	.447	.233	.177	.231	.199	1.000	-.155	-.119	-.225	-.124
27	.044	.086	.018	.042	-.257	-.155	1.000	.230	.091	.184
28	.087	-.127	-.343	.064	-.439	-.119	.230	1.000	.538	.399
29	.001	.049	-.034	-.025	-.303	-.225	.091	.538	1.000	.249
30	.218	.015	-.163	.169	-.290	-.124	.184	.399	.249	1.000
31	.171	.054	-.128	.111	-.416	-.166	.195	.495	.448	.686
32	.053	-.014	-.144	-.047	-.326	-.086	.191	.493	.242	.315
33	.052	.081	.024	.047	-.289	-.165	.988	.236	.086	.190
34	.010	.026	-.018	.075	.307	.174	-.125	-.267	-.117	-.046
35	.065	.138	.012	.123	.266	.067	-.055	-.194	-.104	-.007
36	.015	.085	-.029	.057	.354	.221	-.118	-.148	.024	-.030
37	.104	.130	-.006	.101	.241	.078	-.064	-.127	-.057	.026
38	.040	-.001	-.085	.097	.305	.096	-.119	-.147	-.014	-.069
39	.062	.133	-.003	.130	.329	.111	-.084	-.220	-.097	-.016
40	.024	.120	-.009	.151	.397	.141	-.118	-.209	-.103	.024
41	.040	.145	-.006	.153	.393	.135	-.106	-.243	-.111	-.003
42	.061	.141	-.034	.141	.353	.019	-.085	-.091	.034	.043
43	.080	-.040	.009	.061	.013	.119	-.064	-.064	-.089	-.094
44	.047	-.054	-.018	.017	.189	.105	-.107	-.124	-.012	-.045
45	.003	.076	.055	-.020	-.117	-.088	.086	-.035	-.182	-.048
46	.040	-.049	-.017	-.033	.063	.101	-.054	.084	.208	.043
47	.096	.070	.007	.082	.092	.032	-.030	-.014	.059	.092
48	.012	-.171	-.130	.012	-.013	-.023	-.065	.122	.224	.036
49	.082	-.048	.023	.051	-.041	.099	-.060	-.050	-.096	-.089
50	.202	.017	.069	.028	-.284	.048	.125	.168	.024	.067

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 1

CORRELATION MATRIX

	31	32	33	34	35	36	37	38	39	40
31	1.000	.306	.207	-.145	-.148	-.146	-.021	-.112	-.158	-.173
32	.306	1.000	.181	-.189	-.095	-.150	-.104	-.158	-.133	-.155
33	.207	.181	1.000	-.160	-.078	-.160	-.085	-.155	-.115	-.143
34	.145	-.189	-.160	1.000	.462	.584	.116	.435	.579	.300
35	.148	-.095	-.078	.462	1.000	.450	.236	.719	.971	.490
36	.146	-.150	-.160	.584	.450	1.000	.495	.579	.623	.349
37	.021	-.104	-.085	.116	.236	.495	1.000	.409	.383	.192
38	.112	-.158	-.155	.435	.719	.579	.409	1.000	.799	.436
39	.158	-.133	-.115	.579	.971	.623	.383	.799	1.000	.512
40	.173	-.155	-.143	.300	.490	.349	.192	.436	.512	1.000
41	.183	-.157	-.139	.554	.924	.605	.365	.772	.954	.745
42	.090	-.121	-.114	.366	.515	.502	.422	.574	.589	.618
43	.120	-.058	-.070	.104	0.000	.163	.040	.095	.040	-.004
44	.090	-.130	-.133	.719	-.125	.319	-.030	-.032	.002	.095
45	.116	.057	.108	-.323	.297	-.408	-.249	-.095	.125	-.034
46	.064	-.015	-.071	.192	-.331	.467	.054	-.059	-.189	-.001
47	.164	-.004	-.038	-.018	-.090	.248	.820	.135	.043	.027
48	.216	-.023	-.075	-.108	-.205	-.012	.009	.345	-.146	-.017
49	.088	-.058	-.061	.050	-.058	.072	.002	.038	-.029	-.047
50	.080	.131	.150	-.073	-.025	-.052	.020	-.048	-.034	-.411

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 1

CORRELATION MATRIX

	41	42	43	44	45	46	47	48	49	50
41	1.000	.672	.029	.035	.085	-.147	.043	-.119	-.039	-.169
42	.672	1.000	-.029	.190	-.186	.126	.185	.011	-.075	-.275
43	.029	-.029	1.000	.070	-.081	.064	.031	.047	.961	.049
44	.035	.190	.070	1.000	-.681	.596	.070	-.006	.054	-.131
45	.085	-.186	-.081	-.681	1.000	-.896	-.526	-.541	-.096	.092
46	.147	.126	.064	.596	-.896	1.000	.286	.364	.071	-.097
47	.043	.185	.031	.070	-.526	.286	1.000	.258	.046	.038
48	.119	.011	.047	-.006	-.541	.364	.258	1.000	.087	-.041
49	.039	-.075	.961	.054	-.096	.071	.046	.087	1.000	.072
50	.169	-.275	.049	-.131	.092	-.097	.038	-.041	.072	1.000

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 2

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CENDA/EXPAN STATISTICAL ANALYSIS  OCTOBER, 1965    FIRST CLASS (LESS UE)
      81 OBSERVATIONS
VARIABLE        MEAN        STD.DEV.
      1         76.01           8.93
      2         85.09           7.44
      3          3.05           2.79
      4         88.85           6.87
      5         44.65          14.82
      6         63.25           8.04
      7         63.94          11.64
      8         20.34           4.30
      9         11.20           5.88
     10          8.14           3.82
     11         92.96           6.77
     12         97.45          35.23
     13         26.11           4.18
     14       9554.08        2046.63
     15       3634.36         567.53
     16         98.27           3.82
     17         12.67           3.36
     18         42.84           6.27
     19         93.26           2.71
     20         98.05           9.82
     21         92.99           3.24
     22         29.16           2.83
     23         18.67           1.35
     24         91.63           8.83
     25         71.61           4.34
     26         67.89           6.46
     27   34312024.00    89784609.00
     28       5708.56         721.32
     29       2011.23         302.69
     30         45.51           7.63
     31          7.05           3.70
     32       2081.81        1206.84
     33       3924.91        8153.56
     34         14.63           4.81
     35        290.54          52.84
     36         42.15           8.45
     37         15.80           6.87
     38         28.20           4.82
     39        392.73          59.64
     40         26.39          13.85
     41        419.13          64.42
     42      24039.58       10471.08
     43           .53            .79
     44          3.85           1.85
     45         73.13           9.40
     46         11.05           4.08
     47          4.13           2.06
     48          7.44           2.85
     49           .13            .21
     50         93.66           3.30
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APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 2

CORRELATION MATRIX

	1	2	3	4	5	6	7	8	9	10
1	1.000	.660	-.128	-.009	-.244	.365	.513	-.095	-.459	-.207
2	.660	1.000	-.059	-.141	-.128	.398	.647	-.378	-.581	-.134
3	.128	-.059	1.000	-.301	-.432	-.183	-.033	-.122	.038	-.419
4	.009	-.141	-.301	1.000	-.139	.496	-.136	.203	.034	.106
5	.244	-.128	-.432	-.139	1.000	-.221	-.335	.054	.209	.812
6	.365	.398	-.183	.496	-.221	1.000	.300	-.171	-.695	.054
7	.513	.647	-.033	-.136	-.335	.300	1.000	-.342	-.398	-.366
8	.095	-.378	-.122	.203	.054	-.171	-.342	1.000	.304	.087
9	.459	-.581	.038	.034	.209	-.695	-.398	.304	1.000	.112
10	.207	-.134	-.419	.106	.812	.054	-.366	.087	.112	1.000
11	.243	-.243	.146	-.068	-.161	-.267	-.224	.130	.201	-.296
12	.129	-.120	-.006	-.293	-.127	-.064	-.068	-.059	.002	-.184
13	.029	.012	-.111	.224	.231	-.008	-.127	.008	.069	.222
14	.639	.616	-.063	-.132	-.296	.280	.772	-.030	-.377	-.286
15	.344	.249	.070	-.088	-.169	-.003	.422	.194	-.090	-.175
16	.146	.161	-.052	.240	-.007	.409	.061	-.179	-.153	.056
17	.548	-.617	-.184	.220	.370	-.140	-.651	.136	.300	.400
18	.086	-.199	-.538	.407	.527	.200	-.365	.090	.161	.706
19	.397	.448	-.354	.073	.084	.182	.386	-.070	-.185	.115
20	.080	.100	.070	.071	-.088	.176	.150	-.312	-.103	.020
21	.043	.091	-.117	.076	-.041	-.041	.132	.173	-.009	.016
22	.020	.065	-.289	-.011	.482	.005	-.025	.130	.206	.462
23	.213	-.172	-.349	.203	.572	-.001	-.338	.136	.279	.577
24	.028	.221	-.033	.062	-.059	.199	.258	-.309	-.149	.058
25	.343	-.404	.439	.129	-.367	-.103	-.372	.184	.168	-.280
26	.239	-.424	.284	.271	-.341	-.130	-.290	.184	.279	-.339
27	.232	.195	-.152	-.287	.116	.012	.218	.024	-.184	.063
28	.538	.539	.063	-.117	-.420	.185	.748	-.098	-.302	-.386
29	.266	.295	-.164	.006	.060	.180	.351	.246	-.141	.076
30	.616	.623	-.125	-.191	-.107	.173	.698	-.021	-.297	-.151
31	.465	.487	-.254	-.133	-.038	.126	.568	.049	-.249	-.062
32	.173	.249	-.061	-.437	-.027	-.158	.284	-.092	-.132	-.087
33	.250	.208	-.170	-.261	.103	.021	.227	.027	-.188	.053
34	.323	-.321	.429	.060	-.033	-.070	-.233	-.011	.086	.052
35	.173	.136	-.028	-.016	-.094	-.032	.173	-.036	.040	-.047
36	.054	-.218	.018	-.034	.072	-.171	-.195	.238	.221	.094
37	.158	-.106	-.060	-.052	-.019	-.082	-.054	-.061	-.041	-.002
38	.078	-.159	.145	.019	-.070	-.212	-.169	.145	.166	-.008
39	.100	.043	.010	-.019	-.086	-.081	.093	.003	.078	-.027
40	.438	-.457	.180	.209	-.079	-.232	-.508	.377	.372	.001
41	.001	-.058	.048	.027	-.097	-.125	-.022	.084	.152	-.025
42	.063	-.049	.394	-.257	.053	-.389	-.172	.213	.194	.045
43	.120	.026	-.096	.065	.121	-.064	-.076	-.146	.174	.102
44	.285	-.237	.278	.015	.057	-.049	-.201	.040	0.000	.054
45	.186	.159	-.054	.035	-.091	.082	.165	-.116	.002	-.052
46	.119	-.151	.010	-.046	.132	-.094	-.169	.181	.046	.078
47	.200	-.096	-.052	-.051	.014	-.034	-.085	-.020	-.090	0.000
48	.138	-.110	.051	-.016	.074	-.096	-.143	.123	.013	.037
49	.100	.056	-.099	.017	.133	-.040	-.064	-.170	.128	.102
50	.449	.432	-.169	-.185	.049	.188	.495	-.384	-.277	.007

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 2

CORRELATION MATRIX

	11	12	13	14	15	16	17	18	19	20
11	1.000	.220	-.008	-.233	.056	.276	0.000	-.162	-.285	-.082
12	.220	1.000	-.615	-.171	-.173	.073	.055	.010	-.119	.002
13	.008	-.615	1.000	-.042	.100	.004	.089	.149	.078	-.084
14	.233	-.171	-.042	1.000	.617	-.068	-.754	-.390	.446	-.046
15	.056	-.173	.100	.617	1.000	-.121	-.436	-.359	.170	-.106
16	.276	.073	.004	-.068	-.121	1.000	-.068	.190	-.125	.122
17	.000	.055	.089	-.754	-.436	-.068	1.000	.446	-.270	-.086
18	.162	.010	.149	-.390	-.359	.190	.446	1.000	.020	-.020
19	.285	-.119	.078	.446	.170	-.125	-.270	.020	1.000	.024
20	.082	.002	-.084	-.046	-.106	.122	-.086	-.020	.024	1.000
21	.017	-.103	-.067	.229	.299	-.083	-.132	-.114	.387	-.050
22	.081	-.193	.137	-.001	.126	.143	.166	.312	.022	.109
23	.101	-.132	.228	-.347	-.151	.168	.478	.533	-.083	.030
24	.151	-.035	-.069	.088	-.030	.059	-.163	-.027	.299	.954
25	.329	.264	-.096	-.453	-.206	.155	.174	-.102	-.282	.034
26	.315	.092	-.033	-.281	-.141	.019	.138	-.089	-.211	-.093
27	.184	-.064	-.030	.243	.004	-.106	-.133	.061	.119	.028
28	.098	-.114	-.078	.763	.529	-.028	-.704	-.352	.343	.129
29	.093	-.145	.049	.544	.465	0.000	-.322	-.025	.323	-.052
30	.215	-.198	-.022	.898	.565	-.088	-.789	-.310	.500	-.027
31	.159	-.088	-.072	.753	.522	-.072	-.558	-.203	.447	-.026
32	.064	-.067	.040	.339	.183	-.262	-.299	-.286	.081	-.113
33	.185	-.071	-.042	.248	-.003	-.101	-.127	.065	.133	.037
34	.022	.091	-.029	-.358	-.108	-.031	.248	.054	-.167	.108
35	.032	-.016	-.027	.127	.195	-.051	-.096	-.023	.059	.011
36	.143	.102	-.076	-.148	.020	-.010	.020	.173	-.009	-.084
37	.113	-.035	-.009	-.066	.046	.092	.092	-.080	.041	.092
38	.217	-.139	.148	-.120	.124	.006	-.046	.040	-.170	-.012
39	.021	-.009	-.027	.053	.184	-.039	-.059	0.000	.032	.017
40	.319	.035	.214	-.374	.006	.012	.246	.056	-.171	.100
41	.088	-.001	.020	-.030	.172	-.033	-.002	.012	-.007	.038
42	.011	-.061	-.038	-.068	.145	-.128	-.128	-.095	-.257	.059
43	.082	.120	.151	-.149	.092	.125	.122	.168	.187	0.000
44	.033	.061	-.032	-.250	-.104	.007	.146	.025	-.097	.080
45	.122	-.009	.001	.114	.045	-.059	-.010	-.016	.022	-.022
46	.115	.058	-.040	-.096	-.044	.042	-.015	.075	-.003	-.041
47	.124	-.028	.015	-.064	-.020	.119	.043	-.094	.049	.093
48	.135	-.060	.065	-.071	-.008	.048	-.044	.003	-.053	.003
49	.092	.121	.176	-.108	.041	.125	.081	.142	.141	.001
50	.291	-.034	-.159	.358	.028	-.025	-.212	-.018	.139	-.090

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 2

CORRELATION MATRIX

	21	22	23	24	25	26	27	28	29	30
21	1.000	.041	-.100	.142	-.167	-.011	.126	.166	.033	.235
22	.041	1.000	.829	.121	-.428	-.299	.262	-.098	.230	-.033
23	.100	.829	1.000	-.008	-.228	-.150	.058	-.421	.061	-.373
24	.142	.121	-.008	1.000	-.067	-.151	.072	.230	.029	.124
25	.167	-.428	-.228	-.067	1.000	.631	-.370	-.187	-.295	-.535
26	.011	-.299	-.150	-.151	.631	1.000	-.403	-.096	-.185	-.352
27	.126	.262	.058	.072	-.370	-.403	1.000	.224	.152	.225
28	.166	-.098	-.421	.230	-.187	-.096	.224	1.000	.495	.698
29	.033	.230	.061	.029	-.295	-.185	.152	.495	1.000	.583
30	.235	-.033	-.373	.124	-.535	-.352	.225	.698	.583	1.000
31	.293	-.015	-.324	.115	-.517	-.409	.214	.546	.589	.866
32	.004	.089	-.163	-.047	-.319	-.208	.112	.385	.182	.334
33	.132	.258	.056	.082	-.379	-.420	.991	.212	.137	.227
34	.113	-.191	-.008	.046	.510	.391	-.163	-.141	.016	-.352
35	.117	.080	-.044	.045	-.062	-.040	.082	.231	.079	.130
36	.139	-.025	.012	-.059	.266	.326	-.066	-.035	-.036	-.088
37	.123	.053	.037	.117	.043	.102	.051	-.024	-.046	-.089
38	.069	-.163	-.119	-.040	.323	.340	-.159	.028	-.112	-.059
39	.136	.046	-.046	.047	.049	.078	.050	.194	.052	.065
40	.020	-.062	.099	.042	.525	.499	-.310	-.239	.010	-.406
41	.130	.029	-.021	.053	.158	.180	-.020	.128	.050	-.026
42	.027	-.063	-.081	-.004	.211	.101	.030	.078	.022	.015
43	.266	.032	.133	.071	.052	-.010	-.147	-.096	-.108	-.113
44	.111	-.163	-.006	.035	.390	.277	-.136	-.158	.011	-.255
45	.007	.089	.007	-.016	-.231	-.209	.078	.119	.040	.109
46	.028	-.064	.008	-.036	.204	.196	-.073	-.116	-.029	-.076
47	.075	.004	.021	.112	.067	.097	.014	-.085	-.062	-.087
48	.001	-.104	-.036	-.011	.197	.172	-.106	-.093	-.056	-.055
49	.242	.035	.131	.059	.010	-.041	-.136	-.128	-.104	-.078
50	.019	.098	-.076	-.035	-.514	-.466	.307	.264	0.000	.393

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 2

CORRELATION MATRIX

	31	32	33	34	35	36	37	38	39	40
31	1.000	.284	.222	-.288	.094	-.119	-.057	-.105	.032	-.352
32	.284	1.000	.078	-.248	.165	-.107	.202	-.028	.136	-.198
33	.222	.078	1.000	-.207	.074	-.105	.056	-.178	.032	-.334
34	.288	-.248	-.207	1.000	.040	.380	.028	.258	.189	.377
35	.094	.165	.074	.040	1.000	.305	.074	.209	.962	.118
36	.119	-.107	-.105	.380	.305	1.000	.081	.564	.501	.434
37	.057	.202	.056	.028	.074	.081	1.000	.146	.209	.129
38	.105	-.028	-.178	.258	.209	.564	.146	1.000	.385	.451
39	.032	.136	.032	.189	.962	.501	.209	.385	1.000	.243
40	.352	-.198	-.334	.377	.118	.434	.129	.451	.243	1.000
41	.045	.083	-.041	.256	.916	.557	.221	.453	.978	.440
42	.058	0.000	.016	.256	.254	.367	.091	.522	.348	.314
43	.040	-.125	-.157	.115	.088	.190	.287	.279	.166	.219
44	.194	-.220	-.163	.662	-.638	.164	-.078	.149	-.492	.182
45	.087	.106	.089	-.218	.770	-.226	-.131	-.272	.597	-.135
46	.068	-.142	-.088	.183	-.692	.392	-.056	.257	-.530	.137
47	.055	.106	.022	-.049	-.509	-.073	.794	.071	-.368	.060
48	.049	-.100	-.110	.092	-.765	.119	-.016	.378	-.627	.114
49	.003	-.138	-.143	.047	-.148	.084	.250	.191	-.074	.116
50	.334	.218	.324	-.300	.400	-.259	-.066	-.340	.264	-.830

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 2

CORRELATION MATRIX

	41	42	43	44	45	46	47	48	49	50
41	1.000	.390	.201	-.416	.523	-.461	-.328	-.556	-.044	.066
42	.390	1.000	.081	.047	-.036	.045	-.038	.067	.008	-.165
43	.201	.081	1.000	.006	-.068	.024	.208	.052	.930	-.112
44	.416	.047	.006	1.000	-.815	.766	.303	.737	.078	-.542
45	.523	-.036	-.068	-.815	1.000	-.951	-.611	-.953	-.199	.585
46	.461	.045	.024	.766	-.951	1.000	.407	.904	.138	-.553
47	.328	-.038	.208	.303	-.611	.407	1.000	.499	.311	-.331
48	.556	.067	.052	.737	-.953	.904	.499	1.000	.190	-.571
49	.044	.008	.930	.078	-.199	.138	.311	.190	1.000	-.101
50	.066	-.165	-.112	-.542	.585	-.553	-.331	-.571	-.101	1.000

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS
OF DISTRICTS PART 3

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CENDA/EXPAN STATISTICAL ANALYSIS  OCTOBER, 1965 2ND + 3RD CLASS (LESS UE)
    102 OBSERVATIONS
VARIABLE        MEAN       STD.DEV.
     1          66.36          14.29
     2          75.07          11.36
     3           3.05           3.36
     4          91.93           7.11
     5          55.55          15.41
     6          55.99          10.62
     7          50.57          17.64
     8          22.22           7.94
     9          18.62          10.13
    10          10.56           4.92
    11          97.18           5.97
    12         100.13          31.21
    13          27.49           5.33
    14        6967.27        2155.27
    15        3174.05         837.36
    16          99.23            .99
    17          14.20           4.03
    18          47.01           8.42
    19          92.57           4.45
    20          99.38           2.88
    21          90.95          13.11
    22          29.54           3.45
    23          18.87           1.27
    24          91.73           5.50
    25          77.06           6.31
    26          71.30          13.33
    27     5047000.00     3658339.10
    28        5071.51         585.30
    29        1930.89         306.27
    30          41.15           6.42
    31           4.95           1.72
    32        1492.85         233.66
    33         538.44         451.72
    34          28.93          21.33
    35         332.49          80.00
    36          55.99          19.83
    37          23.66          12.77
    38          35.01          10.74
    39         476.80         113.17
    40          49.64          32.38
    41         526.45         128.74
    42       35716.92       28212.72
    43            .89           1.73
    44           6.07           4.42
    45          69.71           8.04
    46          11.80           4.37
    47           4.91           2.14
    48           7.31           1.59
    49            .17            .32
    50          90.75           4.89
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APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 3

CORRELATION MATRIX

	1	2	3	4	5	6	7	8	9	10
1	1.000	.515	.163	-.110	-.283	.243	.267	-.164	-.194	-.118
2	.515	1.000	.065	-.086	-.222	.558	.610	-.153	-.564	-.054
3	.163	.065	1.000	-.689	-.349	-.057	.175	-.028	-.236	-.329
4	.110	-.086	-.689	1.000	.381	.118	-.293	.029	.264	.509
5	.283	-.222	-.349	.381	1.000	-.094	-.424	.207	.146	.716
6	.243	.558	-.057	.118	-.094	1.000	.241	.020	-.753	.139
7	.267	.610	.175	-.293	-.424	.241	1.000	-.184	-.295	-.274
8	.164	-.153	-.028	.029	.207	.020	-.184	1.000	-.048	.094
9	.194	-.564	-.236	.264	.146	-.753	-.295	-.048	1.000	.134
10	.118	-.054	-.329	.509	.716	.139	-.274	.094	.134	1.000
11	.103	.002	.129	.045	.036	-.095	-.181	-.029	.087	.109
12	.029	.042	-.003	-.269	-.143	.043	.026	-.073	-.074	-.107
13	.000	.151	-.118	.208	.005	.099	.096	-.007	-.071	-.045
14	.279	.371	.204	-.323	-.305	.129	.447	.086	-.262	-.189
15	.274	.208	.220	-.308	-.166	-.050	.348	.168	-.116	-.130
16	.003	-.001	-.014	.031	.128	.185	-.106	.014	-.171	.052
17	.182	-.195	-.262	.216	.013	.172	-.119	.020	.017	.001
18	.080	.055	-.544	.456	.453	.277	-.107	.135	-.019	.466
19	.073	.090	.020	.076	.133	.031	-.035	-.082	-.003	.343
20	.006	-.101	.100	-.018	-.053	.137	-.128	-.178	-.095	.035
21	.045	.100	.058	.095	.086	.073	-.067	-.021	-.098	.208
22	.038	.084	-.179	.293	.517	.082	-.180	.004	.120	.574
23	.020	.176	-.362	.442	.554	.237	-.137	.022	.064	.651
24	.080	.089	.077	.079	.106	.118	-.100	-.134	-.110	.328
25	.265	-.541	-.028	.102	.142	-.220	-.428	.193	.202	-.048
26	.038	-.103	.033	.131	.039	-.096	-.108	-.120	.087	.074
27	.290	.452	.116	-.182	-.442	.301	.605	-.210	-.236	-.264
28	.262	.384	.369	-.436	-.451	-.078	.559	-.102	-.263	-.404
29	.065	.041	-.040	.021	.179	-.053	.046	.236	.023	.193
30	.049	.240	.109	-.154	.214	-.090	.081	.291	-.044	.147
31	.009	.137	.066	-.123	.151	-.116	.015	.226	-.052	.122
32	.306	.368	.345	-.351	-.219	-.159	.401	-.007	-.147	-.153
33	.192	.281	-.071	.052	-.119	.230	.300	-.177	-.041	-.011
34	.219	-.301	.059	.039	.073	-.128	-.318	.182	.129	.014
35	.133	-.245	.117	-.092	.107	-.216	-.286	.118	.119	.029
36	.111	-.256	.102	-.046	.146	-.357	-.298	.246	.192	.029
37	.056	-.174	.033	.075	.155	-.383	-.244	.073	.310	.024
38	.068	-.170	.081	-.180	-.095	-.159	-.208	-.009	.049	-.161
39	.167	-.310	.127	-.076	.122	-.298	-.361	.167	.181	.015
40	.023	-.270	.041	.026	.167	-.213	-.351	.365	.114	.113
41	.141	-.341	.122	-.061	.149	-.316	-.405	.239	.188	.042
42	.124	-.230	.124	-.100	.240	-.243	-.222	.294	.067	.128
43	.028	-.064	.095	-.025	.092	-.111	-.043	-.152	-.028	-.029
44	.114	-.139	.034	.061	.003	-.050	-.112	.222	.023	.009
45	.054	.089	-.028	-.043	-.025	.173	.085	-.204	-.072	.017
46	.020	-.035	.022	.025	.077	-.166	-.021	.234	.028	.039
47	.016	-.040	-.033	.145	.128	-.287	-.105	.019	.270	.025
48	.070	.074	-.014	-.189	-.251	.106	.060	-.246	-.115	-.242
49	.029	-.027	.088	-.024	.087	-.068	.008	-.181	-.066	-.033
50	.087	.151	.010	-.076	-.120	.074	.203	-.340	-.026	-.121

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 3

CORRELATION MATRIX

	11	12	13	14	15	16	17	18	19	20
11	1.000	.179	.010	-.207	.063	.051	-.303	-.358	.287	.050
12	.179	1.000	-.451	-.039	-.048	.034	-.058	-.098	.046	.014
13	.010	-.451	1.000	-.041	.099	-.114	-.018	.097	-.277	.066
14	.207	-.039	-.041	1.000	.655	-.193	-.301	-.101	.223	-.141
15	.063	-.048	.099	.655	1.000	-.151	-.406	-.205	.146	-.034
16	.051	.034	-.114	-.193	-.151	1.000	-.011	-.034	-.119	.049
17	.303	-.058	-.018	-.301	-.406	-.011	1.000	.405	-.094	.115
18	.358	-.098	.097	-.101	-.205	-.034	.405	1.000	.068	-.087
19	.287	.046	-.277	.223	.146	-.119	-.094	.068	1.000	-.169
20	.050	.014	.066	-.141	-.034	.049	.115	-.087	-.169	1.000
21	.445	.100	-.132	.051	.142	-.028	-.391	-.374	.469	-.045
22	.400	-.047	.030	-.134	-.030	.143	-.136	.040	.348	.078
23	.231	-.057	.071	-.171	-.114	.030	0.000	.259	.289	.052
24	.409	.083	-.223	.124	.154	-.075	-.217	-.176	.794	.237
25	.091	.006	-.068	-.413	-.273	.147	.231	.169	-.258	.251
26	.413	.086	-.122	-.051	.105	.041	-.295	-.274	.233	.133
27	.152	.112	-.144	.488	.281	-.001	.046	-.134	.081	-.028
28	.016	-.010	.006	.440	.475	.063	-.305	-.415	.004	-.021
29	.146	-.120	-.023	-.073	.076	.061	.084	.189	.067	-.098
30	.051	-.120	-.134	.439	.378	.029	-.551	-.040	.226	-.206
31	.060	.013	-.166	.386	.287	.097	-.252	-.075	.162	-.139
32	.154	.012	-.031	.348	.494	.048	-.367	-.331	.142	-.042
33	.083	-.007	.004	.289	.044	-.127	.160	.151	.139	-.098
34	.025	-.013	-.199	.015	-.080	.086	.003	-.107	.085	.073
35	.087	-.002	-.357	-.244	-.271	.045	-.006	-.049	.137	-.068
36	.089	-.053	-.264	-.160	-.126	.023	-.097	-.170	.051	-.039
37	.172	.045	-.074	-.122	-.100	.079	-.300	-.097	-.022	-.248
38	.077	.302	-.481	-.236	-.256	.068	-.023	-.076	.066	.020
39	.108	.020	-.391	-.233	-.264	.066	-.057	-.104	.125	-.067
40	.074	-.028	-.258	-.128	0.000	.075	-.075	-.038	.151	-.125
41	.114	.010	-.409	-.237	-.232	.077	-.069	-.101	.148	-.090
42	.012	.051	-.247	.059	.145	.065	-.176	-.079	.130	-.066
43	.042	-.039	-.091	-.198	-.206	-.072	-.006	-.143	.081	.047
44	.017	-.025	.030	.147	.165	.053	-.022	-.114	.011	.096
45	.039	-.042	-.015	-.096	-.170	-.048	.115	.139	.036	-.014
46	.017	-.068	.059	.079	.185	-.008	-.070	-.123	-.038	.012
47	.161	.048	.092	-.024	.031	.074	-.285	-.039	-.066	-.244
48	.012	.407	-.298	-.124	-.165	.034	.058	.022	-.019	.093
49	.012	-.047	-.036	-.161	-.193	-.080	.030	-.130	.060	.045
50	.018	.043	.059	-.018	-.176	-.083	.025	-.014	-.099	.061

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 3

CORRELATION MATRIX

	21	22	23	24	25	26	27	28	29	30
21	1.000	.527	.461	.798	-.443	.646	-.009	.050	-.112	.167
22	.527	1.000	.875	.519	-.279	.361	-.077	-.213	.054	.114
23	.461	.875	1.000	.445	-.355	.292	-.078	-.342	.092	.058
24	.798	.519	.445	1.000	-.305	.536	.036	.031	-.046	.168
25	.443	-.279	-.355	-.305	1.000	-.104	-.385	-.285	-.045	-.194
26	.646	.361	.292	.536	-.104	1.000	-.118	-.034	-.306	-.002
27	.009	-.077	-.078	.036	-.385	-.118	1.000	.372	-.004	-.011
28	.050	-.213	-.342	.031	-.285	-.034	.372	1.000	.231	.154
29	.112	.054	.092	-.046	-.045	-.306	-.004	.231	1.000	.144
30	.167	.114	.058	.168	-.194	-.002	-.011	.154	.144	1.000
31	.161	.265	.113	.150	-.202	-.016	.118	.223	.112	.540
32	.121	.019	-.083	.149	-.358	.057	.245	.815	.394	.324
33	.000	.112	.206	.045	-.390	-.087	.625	.059	.016	-.133
34	.057	-.047	-.094	.106	.219	.171	-.266	-.264	-.255	.296
35	.112	.035	-.090	.120	.254	.045	-.269	-.120	-.064	.128
36	.032	.004	-.116	.040	.351	.163	-.350	-.083	.078	.283
37	.075	.153	-.042	-.079	.284	.158	-.213	-.125	-.095	.119
38	.043	-.148	-.244	.079	.330	.177	-.144	-.091	-.167	-.005
39	.108	.019	-.131	.110	.346	.128	-.338	-.170	-.106	.208
40	.098	.059	-.049	.102	.276	.131	-.337	-.179	.242	.205
41	.120	.031	-.128	.123	.374	.146	-.382	-.195	-.032	.234
42	.029	.060	-.049	.076	.277	.033	-.205	.008	.242	.293
43	.088	-.025	-.062	.117	.010	.183	-.119	-.036	-.132	-.042
44	.005	-.063	-.050	.040	.106	.083	-.144	-.058	-.045	.214
45	.015	.034	.062	.027	-.192	-.153	.144	-.020	-.048	-.186
46	.032	0.000	-.004	-.029	.134	.091	-.137	.123	.238	.184
47	.027	.175	.038	-.131	.178	.142	-.087	-.081	-.073	.077
48	.041	-.219	-.200	.010	.077	.092	.151	.006	-.187	-.251
49	.084	-.034	-.050	.102	-.041	.182	-.095	-.021	-.157	-.064
50	.045	-.043	-.010	-.065	-.191	-.117	.235	.064	-.284	-.129

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 3

CORRELATION MATRIX

	31	32	33	34	35	36	37	38	39	40
31	1.000	.321	.011	.070	.140	.027	.169	-.023	.133	.002
32	.321	1.000	.012	-.143	-.180	.071	-.056	-.145	-.160	.012
33	.011	.012	1.000	-.356	-.391	-.510	-.299	-.356	-.500	-.310
34	.070	-.143	-.356	1.000	.238	.572	.090	.243	.490	.323
35	.140	-.180	-.391	.238	1.000	.476	.328	.669	.936	.206
36	.027	.071	-.510	.572	.476	1.000	.375	.460	.707	.567
37	.169	-.056	-.299	.090	.328	.375	1.000	.294	.455	.312
38	.023	-.145	-.356	.243	.669	.460	.294	1.000	.728	.316
39	.133	-.160	-.500	.490	.936	.707	.455	.728	1.000	.370
40	.002	.012	-.310	.323	.206	.567	.312	.316	.370	1.000
41	.117	-.138	-.518	.512	.875	.765	.479	.719	.972	.577
42	.160	.131	-.302	.360	.043	.599	.344	.148	.257	.603
43	.273	-.028	-.157	.088	.123	.249	.072	.284	.185	.286
44	.034	.073	-.215	.780	-.287	.385	-.052	-.170	-.010	.308
45	.023	-.186	.251	-.569	.327	-.558	-.223	.066	.006	-.431
46	.001	.290	-.210	.348	-.318	.616	.044	-.191	-.062	.395
47	.148	.018	-.128	-.034	-.057	.146	.903	-.015	.078	.192
48	.166	-.111	.063	-.203	.113	-.164	-.055	.702	.072	-.016
49	.253	-.032	-.121	.049	.057	.148	.009	.209	.099	.188
50	.020	-.122	.152	-.236	.241	-.328	-.101	.041	.061	-.862

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 3

CORRELATION MATRIX

	41	42	43	44	45	46	47	48	49	50
41	1.000	.378	.234	.068	-.103	.044	.117	.059	.134	-.162
42	.378	1.000	.157	.517	-.687	.673	.277	-.211	.091	-.590
43	.234	.157	1.000	.014	-.075	.062	-.027	.178	.977	-.142
44	.068	.517	.014	1.000	-.864	.695	.034	-.392	-.003	-.491
45	.103	-.687	-.075	-.864	1.000	-.891	-.337	.288	-.038	.604
46	.044	.673	.062	.695	-.891	1.000	.149	-.419	.027	-.577
47	.117	.277	-.027	.034	-.337	.149	1.000	-.143	-.055	-.174
48	.059	-.211	.178	-.392	.288	-.419	-.143	1.000	.172	.129
49	.134	.091	.977	-.003	-.038	.027	-.055	.172	1.000	-.099
50	.162	-.590	-.142	-.491	.604	-.577	-.174	.129	-.099	1.000

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 4

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CENDA/EXPAN STATISTICAL ANALYSIS  OCTOBER, 1965   UNIFIED
    143 OBSERVATIONS
VARIABLE        MEAN     STD.DEV.
     1         70.36        13.81
     2         79.24        11.43
     3          3.22         3.26
     4         89.88         7.28
     5         50.10        16.72
     6         58.62        10.25
     7         56.04        16.26
     8         21.33         6.67
     9         15.19         9.17
    10          9.17         4.74
    11         95.54         6.64
    12        100.11        37.11
    13         26.84         5.19
    14       8064.42      2553.31
    15       3381.90       770.49
    16         98.76         2.90
    17         13.21         3.78
    18         44.12         7.68
    19         92.59         4.01
    20         98.76         7.60
    21         91.73        11.15
    22         29.21         3.29
    23         18.69         1.35
    24         91.41         7.89
    25         74.88         6.40
    26         69.99        11.96
    27   18775611.00  68793031.00
    28       5388.84       745.60
    29       1965.70       321.91
    30         43.28         7.61
    31          5.92         3.21
    32       1787.86       885.95
    33       2089.10      6338.44
    34         23.50        19.46
    35        315.37        70.83
    36         51.18        17.28
    37         20.45        11.54
    38         32.34         9.63
    39        443.85       101.35
    40         38.44        25.10
    41        482.29       113.29
    42      31429.29     23979.90
    43           .73         1.37
    44          5.23         4.06
    45         70.78         9.77
    46         11.72         4.70
    47          4.60         2.24
    48          7.39         2.48
    49           .16          .29
    50         92.18         4.57
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APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 4

CORRELATION MATRIX

	1	2	3	4	5	6	7	8	9	10
1	1.000	.647	.066	-.156	-.381	.385	.520	-.158	-.365	-.230
2	.647	1.000	.016	-.202	-.336	.592	.739	-.238	-.654	-.228
3	.066	.016	1.000	-.510	-.373	-.076	.085	-.102	-.130	-.350
4	.156	-.202	-.510	1.000	.221	.123	-.324	.111	.270	.376
5	.381	-.336	-.373	.221	1.000	-.251	-.469	.175	.303	.775
6	.385	.592	-.076	.123	-.251	1.000	.364	-.073	-.769	-.034
7	.520	.739	.085	-.324	-.469	.364	1.000	-.288	-.469	-.405
8	.158	-.238	-.102	.111	.175	-.073	-.288	1.000	.104	.100
9	.365	-.654	-.130	.270	.303	-.769	-.469	.104	1.000	.278
10	.230	-.228	-.350	.376	.775	-.034	-.405	.100	.278	1.000
11	.166	-.212	.106	.143	.009	-.217	-.242	.037	.263	.077
12	.041	-.026	-.020	-.273	-.128	.007	-.002	-.073	-.032	-.118
13	.062	.040	-.094	.267	.127	-.020	-.019	.027	.050	.094
14	.502	.573	.065	-.333	-.398	.312	.625	.007	-.450	-.311
15	.395	.371	.149	-.286	-.263	.090	.466	.175	-.246	-.185
16	.152	-.020	-.036	.165	.094	.175	-.062	-.061	-.038	.055
17	.263	-.386	-.198	.195	.187	-.029	-.415	.046	.129	.112
18	.164	-.176	-.524	.413	.516	.091	-.305	.150	.156	.527
19	.148	.219	-.080	.027	.040	.126	.149	-.137	-.115	.235
20	.073	-.013	.065	.040	-.034	.064	.009	-.201	-.009	.030
21	.060	.150	.042	.049	.009	.096	.026	-.057	-.138	.152
22	.002	.026	-.215	.166	.474	.037	-.122	.023	.160	.547
23	.079	-.005	-.327	.311	.547	.082	-.232	.079	.157	.600
24	.026	.139	.026	.040	-.005	.134	.087	-.237	-.110	.166
25	.440	-.601	.090	.218	.095	-.291	-.516	.216	.358	.005
26	.088	-.222	.090	.196	.012	-.173	-.208	-.051	.192	.058
27	.195	.203	-.096	-.249	0.000	.095	.219	-.021	-.181	-.019
28	.469	.528	.154	-.320	-.515	.166	.705	-.164	-.373	-.463
29	.210	.148	-.140	-.003	.025	.119	.231	.188	-.081	.061
30	.318	.463	-.058	-.190	-.033	.159	.427	.110	-.218	-.027
31	.309	.376	-.144	-.172	-.095	.150	.395	.043	-.239	-.072
32	.261	.321	-.002	-.352	-.186	.043	.350	-.097	-.212	-.138
33	.219	.232	-.112	-.249	-.011	.112	.244	-.025	-.201	-.034
34	.324	-.408	.074	.160	.201	-.228	-.462	.191	.281	.155
35	.161	-.266	.012	.038	.116	-.234	-.251	.038	.264	.075
36	.254	-.409	.014	.128	.253	-.373	-.397	.287	.373	.171
37	.224	-.306	-.027	.162	.186	-.342	-.290	.088	.342	.123
38	.196	-.297	.055	-.012	.005	-.226	-.276	.026	.206	-.046
39	.260	-.394	.029	.094	.182	-.330	-.387	.124	.358	.119
40	.242	-.452	.038	.167	.173	-.292	-.436	.410	.310	.161
41	.286	-.453	.034	.121	.201	-.360	-.443	.202	.389	.142
42	.226	-.282	.139	-.039	.261	-.290	-.252	.308	.179	.195
43	.068	-.039	.055	.004	.112	-.088	-.050	-.233	.017	-.012
44	.221	-.251	.083	.133	.142	-.153	-.280	.237	.137	.133
45	.158	.177	-.030	-.076	-.123	.165	.179	-.215	-.101	-.086
46	.081	-.106	-.004	.051	.137	-.139	-.093	.257	.065	.098
47	.136	-.142	-.054	.134	.111	-.192	-.139	.059	.179	.078
48	.007	.011	.033	-.111	-.087	.018	.011	-.070	-.079	-.115
49	.041	.009	.042	-.013	.106	-.051	-.022	-.258	-.018	-.009
50	.168	.313	-.041	-.160	-.098	.175	.315	-.387	-.176	-.124

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 4

CORRELATION MATRIX

	11	12	13	14	15	16	17	18	19	20
11	1.000	.179	.040	-.339	-.041	.283	-.110	-.166	.056	-.010
12	.179	1.000	-.539	-.102	-.113	.067	.012	-.021	-.009	.009
13	.040	-.539	1.000	-.128	-.017	.003	.024	.134	-.196	-.027
14	.339	-.102	-.128	1.000	.700	-.175	-.511	-.319	.317	-.105
15	.041	-.113	-.017	.700	1.000	-.164	-.457	-.336	.216	-.113
16	.283	.067	.003	-.175	-.164	1.000	-.020	.109	-.129	.104
17	.110	.012	.024	-.511	-.457	-.020	1.000	.432	-.157	-.021
18	.166	-.021	.134	-.319	-.336	.109	.432	1.000	-.022	-.031
19	.056	-.009	-.196	.317	.216	-.129	-.157	-.022	1.000	-.034
20	.010	.009	-.027	-.105	-.113	.104	-.021	-.031	-.034	1.000
21	.279	.047	-.133	.122	.197	-.050	-.366	-.383	.449	-.030
22	.196	-.120	.065	-.092	.009	.105	-.072	.090	.233	.076
23	.117	-.089	.138	-.255	-.127	.101	.135	.293	.144	.020
24	.081	.015	-.145	.089	.060	.007	-.197	-.144	.504	.794
25	.183	.105	-.014	-.553	-.418	.196	.341	.239	-.323	.105
26	.423	.082	-.106	-.199	-.018	.057	-.154	-.181	.140	.015
27	.206	-.048	-.047	.257	.081	-.133	-.107	-.006	.086	.008
28	.182	-.082	-.082	.671	.569	-.079	-.502	-.441	.199	.050
29	.189	-.146	.029	.280	.327	-.015	-.115	.052	.142	-.075
30	.240	-.180	-.107	.710	.510	-.100	-.650	-.185	.320	-.079
31	.198	-.064	-.159	.657	.435	-.110	-.440	-.221	.283	-.068
32	.147	-.065	-.031	.411	.287	-.213	-.269	-.260	.123	-.095
33	.222	-.058	-.053	.286	.093	-.157	-.112	-.016	.100	.001
34	.144	.010	-.095	-.234	-.223	.095	.131	.059	.032	.068
35	.086	-.010	-.191	-.206	-.217	.047	.041	.062	.075	.023
36	.171	-.016	-.081	-.294	-.160	.115	.071	.107	-.023	.013
37	.208	.017	.016	-.241	-.170	.128	-.096	.052	-.102	.036
38	.178	.163	-.260	-.301	-.255	.102	.069	.075	-.037	.037
39	.155	.008	-.189	-.292	-.263	.094	.060	.084	.040	.039
40	.253	-.002	-.016	-.287	-.030	.113	.120	.115	-.046	.029
41	.195	.007	-.173	-.325	-.242	.109	.080	.101	.026	.042
42	.043	.020	-.111	-.051	.122	.038	-.056	.051	.017	.025
43	.098	.009	.058	-.160	-.114	.084	.015	-.039	.050	.029
44	.105	.006	.055	-.123	-.003	.071	.078	.011	-.015	.068
45	.126	-.023	-.040	.088	-.034	-.096	.009	-.011	.044	-.040
46	.068	-.018	.065	-.022	.119	.061	-.011	.022	-.028	-.007
47	.169	.010	.083	-.118	-.058	.125	-.117	.020	-.087	.053
48	.061	.115	-.125	-.040	-.056	.039	-.019	-.013	-.025	.007
49	.082	.016	.080	-.113	-.104	.086	.019	-.037	.052	.023
50	.220	.003	-.073	.187	-.079	-.086	-.112	-.078	.051	-.047

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 4

CORRELATION MATRIX

	21	22	23	24	25	26	27	28	29	30
21	1.000	.440	.336	.464	-.438	.570	.049	.107	-.072	.161
22	.440	1.000	.860	.294	-.297	.233	.163	-.152	.071	.043
23	.336	.860	1.000	.176	-.240	.209	.044	-.359	.038	-.134
24	.464	.294	.176	1.000	-.194	.236	.062	.164	-.020	.129
25	.438	-.297	-.240	-.194	1.000	.103	-.291	-.404	-.175	-.449
26	.570	.233	.209	.236	.103	1.000	-.204	-.118	-.270	-.156
27	.049	.163	.044	.062	-.291	-.204	1.000	.246	.138	.214
28	.107	-.152	-.359	.164	-.404	-.118	.246	1.000	.420	.494
29	.072	.071	.038	-.020	-.175	-.270	.138	.420	1.000	.366
30	.161	.043	-.134	.129	-.449	-.156	.214	.494	.366	1.000
31	.152	.071	-.181	.117	-.436	-.199	.255	.508	.396	.761
32	.067	.067	-.104	.018	-.366	-.140	.169	.487	.226	.348
33	.057	.165	.046	.063	-.326	-.217	.992	.257	.141	.233
34	.009	-.014	-.005	.065	.362	.242	-.133	-.372	-.242	.014
35	.073	.050	-.045	.076	.241	.119	-.033	-.132	-.154	-.003
36	.009	.017	.007	.001	.449	.265	-.138	-.253	-.094	-.018
37	.026	.121	.025	0.000	.350	.211	-.060	-.217	-.204	-.119
38	.003	-.159	-.154	.020	.398	.264	-.142	-.190	-.262	-.156
39	.055	.033	-.045	.069	.389	.223	-.089	-.245	-.217	-.029
40	.001	-.009	.034	.007	.416	.272	-.226	-.307	.034	-.166
41	.049	.028	-.032	.063	.441	.260	-.130	-.287	-.187	-.062
42	.017	.040	0.000	.025	.321	.090	-.056	-.072	.089	.071
43	.084	-.034	.010	.068	-.011	.188	-.086	-.042	-.196	-.106
44	.030	-.039	.011	.032	.268	.152	-.120	-.218	-.050	-.011
45	.026	.042	0.000	-.005	-.261	-.177	.101	.133	.022	.030
46	.026	-.009	.038	-.024	.180	.123	-.074	-.036	.107	.025
47	.004	.096	.044	.012	.215	.153	-.026	-.141	-.134	-.089
48	.013	-.169	-.114	-.007	.081	.087	-.071	-.015	-.097	-.094
49	.087	-.025	.028	.066	-.057	.149	-.083	-.045	-.186	-.088
50	.033	.032	-.050	-.004	-.332	-.218	.224	.215	-.119	.179

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 4

CORRELATION MATRIX

	31	32	33	34	35	36	37	38	39	40
31	1.000	.375	.279	-.157	-.030	-.185	-.102	-.171	-.108	-.275
32	.375	1.000	.183	-.225	-.070	-.228	-.059	-.181	-.153	-.226
33	.279	.183	1.000	-.171	-.060	-.181	-.080	-.179	-.128	-.259
34	.157	-.225	-.171	1.000	.297	.663	.222	.342	.569	.507
35	.030	-.070	-.060	.297	1.000	.455	.319	.620	.929	.172
36	.185	-.228	-.181	.663	.455	1.000	.366	.474	.703	.582
37	.102	-.059	-.080	.222	.319	.366	1.000	.301	.470	.299
38	.171	-.181	-.179	.342	.620	.474	.301	1.000	.708	.326
39	.108	-.153	-.128	.569	.929	.703	.470	.708	1.000	.379
40	.275	-.226	-.259	.507	.172	.582	.299	.326	.379	1.000
41	.158	-.187	-.172	.621	.869	.758	.486	.706	.978	.561
42	.039	-.089	-.078	.421	.051	.564	.313	.183	.265	.563
43	.167	-.081	-.095	.117	.048	.127	.060	.206	.105	.111
44	.141	-.167	-.152	.783	-.254	.497	.080	-.011	.064	.494
45	.108	.131	.122	-.450	.448	-.466	-.214	-.063	.117	-.405
46	.066	-.105	-.089	.296	-.467	.519	.014	-.092	-.188	.355
47	.062	.010	-.029	.057	-.188	.125	.833	.029	-.002	.180
48	.044	-.076	-.073	-.101	-.276	-.073	-.054	.437	-.190	-.020
49	.120	-.085	-.087	.058	-.052	.046	.027	.142	0.000	.059
50	.257	.187	.246	-.347	.274	-.373	-.123	-.047	.046	-.877

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 4

CORRELATION MATRIX

	41	42	43	44	45	46	47	48	49	50
41	1.000	.362	.119	.166	.015	-.089	.038	-.175	.013	-.153
42	.362	1.000	.077	.557	-.499	.509	.215	-.105	.029	-.534
43	.119	.077	1.000	.066	-.067	.013	.029	.094	.968	-.058
44	.166	.557	.066	1.000	-.789	.691	.176	.006	.043	-.606
45	.015	-.499	-.067	-.789	1.000	-.916	-.490	-.456	-.094	.634
46	.089	.509	.013	.691	-.916	1.000	.276	.312	.034	-.604
47	.038	.215	.029	.176	-.490	.276	1.000	.215	.068	-.253
48	.175	-.105	.094	.006	-.456	.312	.215	1.000	.157	-.151
49	.013	.029	.968	.043	-.094	.034	.068	.157	1.000	-.044
50	.153	-.534	-.058	-.606	.634	-.604	-.253	-.151	-.044	1.000

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 5

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CENDA/EXPAN STATISTICAL ANALYSIS  OCTOBER, 1965    UNION HIGH
     40 OBSERVATIONS
VARIABLE    MEAN    STD.DEV.
    1        71.62        10.23
    2        80.45         9.36
    3         2.44         2.47
    4        93.02         6.14
    5        52.97        13.36
    6        61.30         9.89
    7        58.09        18.02
    8        21.58         6.56
    9        15.87         9.69
   10        10.62         4.00
   11        94.49         6.74
   12        94.76         6.33
   13        27.01         3.71
   14      8283.25      2143.12
   15      3363.10       748.33
   16        98.94         1.71
   17        14.62         3.76
   18        48.89         7.18
   19        93.86         2.67
   20        98.89         3.34
   21        92.31         4.22
   22        29.97         2.75
   23        19.12         1.09
   24        92.67         3.21
   25        73.80         5.09
   26        69.06         6.15
   27  15228887.00  17913237.00
   28      5227.07       615.74
   29      1969.13       246.99
   30        42.36         6.09
   31         5.74         1.82
   32      1630.83       808.04
   33      1852.43      1961.69
   34        19.40         8.41
   35       308.75        77.70
   36        45.17        16.43
   37        19.23        10.23
   38        30.77         7.78
   39       424.35       104.59
   40        42.61        37.79
   41       466.96       133.61
   42     27398.57     18366.91
   43          .75         1.55
   44         4.60         1.73
   45        72.80         3.30
   46        10.55         1.59
   47         4.45         1.75
   48         7.30          .92
   49          .14          .25
   50        91.53         4.20
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APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 5

CORRELATION MATRIX

	1	2	3	4	5	6	7	8	9	10
1	1.000	.478	.143	-.171	-.234	.285	.032	-.354	-.377	-.232
2	.478	1.000	.103	-.177	-.197	.568	.500	-.269	-.634	-.003
3	.143	.103	1.000	-.559	-.231	-.117	.208	.206	-.204	-.274
4	.171	-.177	-.559	1.000	.152	.218	-.277	.073	.185	.388
5	.234	-.197	-.231	.152	1.000	-.265	-.524	.282	.151	.720
6	.285	.568	-.117	.218	-.265	1.000	.346	-.086	-.811	.123
7	.032	.500	.208	-.277	-.524	.346	1.000	-.150	-.307	-.292
8	.354	-.269	.206	.073	.282	-.086	-.150	1.000	-.028	.225
9	.377	-.634	-.204	.185	.151	-.811	-.307	-.028	1.000	-.039
10	.232	-.003	-.274	.388	.720	.123	-.292	.225	-.039	1.000
11	.029	-.221	.203	-.219	.304	-.373	-.446	.168	.131	-.123
12	.050	-.199	.214	-.200	.255	-.339	-.401	.179	.102	-.168
13	.035	-.007	-.247	.066	.151	.164	-.075	-.038	-.097	-.036
14	.477	.582	.236	-.294	-.555	.409	.698	-.200	-.391	-.415
15	.247	.105	.248	-.263	-.188	.017	.366	-.083	-.107	-.325
16	.054	.036	.024	.352	-.034	.204	-.121	.050	.017	.303
17	.762	-.373	-.317	.383	.258	-.010	-.107	.183	.274	.395
18	.308	-.028	-.478	.575	.552	.190	-.229	.181	.011	.732
19	.306	.018	-.013	.031	.254	-.148	-.191	.140	.090	.213
20	.067	-.162	.088	.253	.002	.298	-.116	.111	-.171	.188
21	.300	-.095	-.072	.118	.129	-.001	-.228	.370	-.010	-.026
22	.050	.099	-.172	.181	.567	-.049	-.272	.131	.119	.425
23	.146	.058	-.445	.407	.565	.135	-.212	-.005	.106	.630
24	.240	-.125	.043	.230	.198	.119	-.268	.287	-.081	.253
25	.135	-.612	.147	.154	.311	-.385	-.531	.314	.266	.115
26	.100	-.178	.068	.241	-.116	.023	-.131	-.001	.089	-.247
27	.408	.459	.044	-.144	-.461	.331	.416	-.200	-.312	-.309
28	.397	.643	.442	-.378	-.490	.330	.616	-.060	-.465	-.339
29	.117	.293	.235	-.080	.372	-.131	.003	.307	-.061	.372
30	.413	.399	.351	-.364	-.089	-.012	.252	.179	-.279	-.186
31	.244	.509	.219	-.283	-.054	.118	.276	.145	-.326	-.105
32	.192	.296	.101	-.481	-.002	-.042	.239	-.031	-.196	-.195
33	.432	.419	.010	.077	-.546	.414	.323	-.234	-.285	-.257
34	.458	-.559	.150	-.040	.079	-.316	-.119	.382	.238	-.052
35	.143	-.226	.305	-.113	.221	-.289	-.295	.398	.021	.138
36	.104	-.249	.295	-.152	.255	-.500	-.362	.265	.184	.127
37	.027	-.204	.175	-.095	.339	-.594	-.392	.120	.371	.064
38	.171	-.327	.227	-.064	.335	-.471	-.475	.256	.221	.200
39	.171	-.293	.319	-.125	.266	-.409	-.357	.397	.113	.137
40	.105	-.441	.185	.073	.401	-.465	-.597	.358	.263	.245
41	.164	-.354	.302	-.077	.322	-.452	-.449	.412	.163	.177
42	.021	-.288	.268	-.118	.255	-.473	-.442	.304	.185	.083
43	.182	-.341	.027	.102	.216	-.308	-.230	.206	.177	.204
44	.421	-.464	-.023	.043	-.085	-.095	.081	.206	.201	-.156
45	.198	.304	-.023	.036	-.194	.456	.231	-.002	-.378	.042
46	.011	-.045	.153	-.154	.124	-.361	-.155	.002	.145	.024
47	.026	-.074	.028	-.052	.293	-.479	-.254	-.089	.374	.001
48	.063	-.099	-.173	.144	.178	-.029	-.290	-.162	.122	.159
49	.232	-.282	-.034	.125	.202	-.207	-.094	.220	.123	.208
50	.134	.465	-.086	-.189	-.467	.389	.596	-.314	-.297	-.292

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 5

CORRELATION MATRIX

	11	12	13	14	15	16	17	18	19	20
11	1.000	.981	.087	-.348	-.045	.033	-.006	-.116	.067	-.019
12	.981	1.000	.098	-.289	-.018	.021	-.040	-.152	.089	.016
13	.087	.098	1.000	.002	.417	-.021	.149	.221	-.166	.132
14	.348	-.289	.002	1.000	.562	-.091	-.531	-.364	.117	-.107
15	.045	-.018	.417	.562	1.000	-.031	-.425	-.237	-.048	.113
16	.033	.021	-.021	-.091	-.031	1.000	.060	.298	.099	.496
17	.006	-.040	.149	-.531	-.425	.060	1.000	.412	-.341	.164
18	.116	-.152	.221	-.364	-.237	.298	.412	1.000	.090	.192
19	.067	.089	-.166	.117	-.048	.099	-.341	.090	1.000	-.181
20	.019	.016	.132	-.107	.113	.496	.164	.192	-.181	1.000
21	.215	.272	-.076	.027	.032	.073	-.276	-.140	.509	-.109
22	.271	.287	.120	-.180	-.046	.236	.140	.254	.258	.198
23	.020	-.009	.157	-.282	-.211	.323	.445	.599	.053	.225
24	.102	.163	-.044	.002	.060	.412	-.189	.138	.650	.567
25	.241	.228	.051	-.551	-.048	.068	.062	.137	.097	.273
26	.171	.264	.228	.056	.167	-.088	-.099	-.144	.122	.060
27	.339	-.317	-.230	.655	.180	-.336	-.391	-.422	.073	-.190
28	.262	-.202	-.122	.777	.424	-.115	-.499	-.414	-.052	-.114
29	.000	-.009	-.302	-.065	-.204	.024	-.038	.167	.262	-.006
30	.140	-.102	-.213	.574	.375	-.142	-.740	-.325	.426	-.199
31	.126	-.107	.006	.540	.378	-.077	-.410	-.157	.210	-.154
32	.067	-.051	-.025	.335	.173	-.788	-.317	-.333	-.017	-.518
33	.315	-.289	-.256	.611	.100	.048	-.315	-.295	.080	.062
34	.147	.164	-.054	-.280	.023	.021	.122	.091	.011	.284
35	.258	.251	-.290	-.414	-.246	0.000	.003	0.000	.189	-.033
36	.318	.318	-.467	-.457	-.398	-.150	-.073	-.144	.279	-.079
37	.349	.332	-.121	-.368	-.144	.053	-.128	-.119	.381	-.306
38	.338	.325	-.233	-.580	-.350	-.033	.018	.056	.242	.041
39	.312	.305	-.323	-.477	-.283	-.022	-.013	-.024	.239	-.043
40	.241	.247	-.325	-.596	-.357	.044	-.049	-.007	.372	.098
41	.312	.309	-.345	-.542	-.323	-.005	-.024	-.021	.293	-.005
42	.198	.189	-.443	-.415	-.283	-.063	-.248	-.184	.327	.005
43	.057	.082	-.361	-.440	-.382	-.138	.148	-.046	.275	.012
44	.034	-.010	.112	-.041	.163	.060	.165	.105	-.133	.343
45	.265	-.265	.013	.280	.127	.076	-.045	.063	-.122	.034
46	.238	.243	-.383	-.230	-.373	-.287	-.042	-.228	.124	-.133
47	.290	.272	.115	-.185	.034	.092	-.088	-.106	.286	-.357
48	.105	.084	.210	-.310	-.202	.037	.181	.233	-.035	.193
49	.028	.008	-.231	-.382	-.340	-.174	.245	.006	.223	-.004
50	.180	-.195	.082	.589	.256	-.096	-.052	-.125	-.313	-.156

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS

PART 5

CORRELATION MATRIX

	21	22	23	24	25	26	27	28	29	30
21	1.000	.217	-.040	.571	.084	.293	.079	.043	.032	.362
22	.217	1.000	.782	.365	-.049	.033	-.227	-.207	.356	-.014
23	.040	.782	1.000	.167	-.165	-.158	-.353	-.418	.236	-.355
24	.571	.365	.167	1.000	.292	.219	-.053	-.078	.177	.244
25	.084	-.049	-.165	.292	1.000	.168	-.430	-.338	-.167	-.177
26	.293	.033	-.158	.219	.168	1.000	-.007	-.108	-.333	-.054
27	.079	-.227	-.353	-.053	-.430	-.007	1.000	.629	0.000	.473
28	.043	-.207	-.418	-.078	-.338	-.108	.629	1.000	.141	.610
29	.032	.356	.236	.177	-.167	-.333	0.000	.141	1.000	.427
30	.362	-.014	-.355	.244	-.177	-.054	.473	.610	.427	1.000
31	.228	.036	-.126	.097	-.374	-.145	.409	.596	.474	.760
32	.008	-.096	-.273	-.354	-.264	.022	.510	.439	.151	.384
33	.074	-.234	-.273	.119	-.383	-.025	.865	.528	-.074	.338
34	.029	-.090	-.157	.213	.484	-.011	-.308	-.192	-.032	-.089
35	.124	.138	-.028	.147	.414	-.228	-.175	-.060	.388	.144
36	.099	.126	-.144	.175	.417	-.012	-.190	-.200	.412	.161
37	.179	.254	-.023	.063	.312	.048	-.296	-.288	.348	.216
38	.035	.162	-.090	.213	.604	.047	-.341	-.316	.297	.013
39	.124	.151	-.068	.174	.485	-.163	-.233	-.140	.406	.150
40	.322	.218	-.043	.419	.612	.155	-.366	-.401	.336	.101
41	.189	.180	-.065	.254	.553	-.083	-.286	-.223	.413	.146
42	.230	.150	-.136	.292	.409	-.045	-.188	-.253	.437	.276
43	.154	.109	-.031	.254	.421	.117	-.215	-.330	.116	-.042
44	.059	-.209	-.133	.145	.240	.079	-.225	-.129	-.260	-.193
45	.018	-.042	.108	-.050	-.299	-.249	.323	.318	-.020	.084
46	.008	.013	-.161	.008	.111	.136	-.073	-.128	.243	.051
47	.116	.265	.074	-.066	.116	.107	-.263	-.241	.173	.131
48	.138	.065	.060	.081	.296	.278	-.285	-.334	-.172	-.357
49	.145	.083	-.013	.203	.335	.141	-.225	-.304	.076	-.079
50	.352	-.230	-.041	-.431	-.651	-.332	.491	.447	-.185	.049

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 5

CORRELATION MATRIX

	31	32	33	34	35	36	37	38	39	40
31	1.000	.314	.352	-.214	.071	-.071	.066	-.169	.020	-.170
32	.314	1.000	.072	-.133	-.006	.084	-.036	-.073	-.005	-.117
33	.352	.072	1.000	-.340	-.244	-.296	-.373	-.396	-.317	-.396
34	.214	-.133	-.340	1.000	.386	.407	.122	.469	.476	.399
35	.071	-.006	-.244	.386	1.000	.664	.438	.628	.967	.542
36	.071	.084	-.296	.407	.664	1.000	.651	.900	.814	.839
37	.066	-.036	-.373	.122	.438	.651	1.000	.664	.583	.673
38	.169	-.073	-.396	.469	.628	.900	.664	1.000	.784	.843
39	.020	-.005	-.317	.476	.967	.814	.583	.784	1.000	.693
40	.170	-.117	-.396	.399	.542	.839	.673	.843	.693	1.000
41	.032	-.037	-.360	.485	.910	.875	.647	.852	.979	.825
42	.070	.046	-.292	.341	.537	.833	.645	.721	.674	.884
43	.198	-.128	-.260	.315	.434	.774	.450	.736	.567	.720
44	.259	-.151	-.208	.818	-.161	-.070	-.220	.001	-.088	.033
45	.255	.003	.392	-.396	.174	-.469	-.529	-.507	-.064	-.504
46	.144	.211	-.183	.103	.028	.720	.361	.543	.220	.533
47	.084	-.041	-.319	-.117	.046	.265	.878	.309	.174	.345
48	.394	-.169	-.229	.004	-.414	.092	.081	.353	-.260	.242
49	.161	-.143	-.271	.204	.323	.609	.337	.587	.427	.567
50	.261	.166	.494	-.327	-.246	-.575	-.531	-.659	-.398	-.890

APPENDIX E. CORRELATION MATRICES FOR EACH OF THE FIVE POPULATIONS OF DISTRICTS PART 5

CORRELATION MATRIX

	41	42	43	44	45	46	47	48	49	50
41	1.000	.778	.648	-.059	-.193	.323	.234	-.135	.495	-.563
42	.778	1.000	.598	-.021	-.406	.546	.301	.017	.424	-.660
43	.648	.598	1.000	-.042	-.381	.575	.158	.209	.953	-.552
44	.059	-.021	-.042	1.000	-.412	-.032	-.222	.143	-.079	-.157
45	.193	-.406	-.381	-.412	1.000	-.691	-.544	-.621	-.288	.589
46	.323	.546	.575	-.032	-.691	1.000	.206	.398	.482	-.455
47	.234	.301	.158	-.222	-.544	.206	1.000	.164	.112	-.356
48	.135	.017	.209	.143	-.621	.398	.164	1.000	.201	-.456
49	.495	.424	.953	-.079	-.288	.482	.112	.201	1.000	-.460
50	.563	-.660	-.552	-.157	.589	-.455	-.356	-.456	-.460	1.000